Final Programme

53rd Congress
ERA-EDTA

Vienna Austria

May 21st-24th, 2016

Held jointly with
Österreichische Gesellschaft für Nephrologie

Final Programme
ERA-EDTA is pleased to again provide a series of digital services at the 2016 ERA-EDTA Congress.

The Congress App – the smart assistant at your fingertips

Benefit from having the whole scientific program in your pocket. Plan sessions, review details about presentations, access speaker slides via your E-materials account, ask questions, take notes for each presentation etc.

Furthermore get valuable information about Speakers Exhibitors, the Sponsor or Congress Centre maps.

Download the app from the Apple or Google Play stores. Simply search for ‘ERA-EDTA 2016’.

E-materials Service

Access slide and webcast presentations of the 2016 ERA-EDTA scientific program via the online E-materials portal at


Benefit also from interactive features: send questions and comments to speakers, rate presentations, invite peers to join as guests etc.

Digital Service Area

Providing assistance for the E-materials service, Congress app, WiFi and all things digital. With phone charging facilities and a coffee bar. Located at Foyer D, Level -2.
# Congress Information

## CONTENTS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome Address</td>
<td>5</td>
</tr>
<tr>
<td>Österreichische Gesellschaft für Nephrologie Vorstand</td>
<td>6</td>
</tr>
<tr>
<td>ERA-EDTA Council</td>
<td>7</td>
</tr>
<tr>
<td>Scientific Committee</td>
<td>8</td>
</tr>
<tr>
<td>Paper Selection Committee</td>
<td>9</td>
</tr>
<tr>
<td>Congress Information</td>
<td>15</td>
</tr>
<tr>
<td>CME Credits</td>
<td>18</td>
</tr>
<tr>
<td>Accepted Abstracts</td>
<td>19</td>
</tr>
<tr>
<td>ERA-EDTA Awards and Grants</td>
<td>20</td>
</tr>
<tr>
<td>ERA-EDTA Information</td>
<td>34</td>
</tr>
<tr>
<td>Österreichischen Gesellschaft für Nephrologie Information</td>
<td>36</td>
</tr>
<tr>
<td>Information for Press/Media Representatives</td>
<td>37</td>
</tr>
<tr>
<td>Vienna General Information</td>
<td>40</td>
</tr>
</tbody>
</table>

## SCIENTIFIC PROGRAMME

<table>
<thead>
<tr>
<th>Date</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, May 21, 2016</td>
<td>43</td>
</tr>
<tr>
<td>Sunday, May 22, 2016</td>
<td>63</td>
</tr>
<tr>
<td>Sunday, May 22, 2016 - posters</td>
<td>95</td>
</tr>
<tr>
<td>Monday, May 23, 2016</td>
<td>189</td>
</tr>
<tr>
<td>Monday, May 23, 2016 - posters</td>
<td>223</td>
</tr>
<tr>
<td>Tuesday, May 24, 2016</td>
<td>307</td>
</tr>
<tr>
<td>Industry Sponsored Symposia</td>
<td>335</td>
</tr>
<tr>
<td>Exhibitors</td>
<td>357</td>
</tr>
</tbody>
</table>
Welcome

Dear colleagues and friends!

After some years of preparation we now are ready and proud to welcome you to the 53rd congress of our society, which will be held from May 21 to May 24 in the beautiful city of Vienna.

The Austria Center Vienna, which is a state of the art congress venue, will provide ample space for an exciting programme.

On Saturday May 21st you can choose from over 20 CME courses, many of them organized by the working groups, the scientific powerhouses of ERA-EDTA. These sessions will cover a wide range of clinical topics, from transplantation to hypertension, from uremia to interactions with other subspecialties like rheumatology. In the evening the Welcome Ceremony will take place at the congress center and it is a great pleasure and honour to have European Member of Parliament Karen Kadenbach with us, who will talk on health policy making from the prospective of the European community. Following her, our Past President Raymond Vanholder will update us on health economics in the context of renal disease and how prevention could make a difference, finally, before the evening will end everybody can relax by participating in our reception where you will be able to meet and talk to your friends right next to the river Danube.

The main programme will start on Sunday morning. It is organized in 9 tracks and once we get to Tuesday afternoon we will have had 56 scientific symposia and 35 free communication sessions. In addition 3 plenary lectures, all given by outstanding scientists and excellent speakers, will cover aspects of the congress's main scientific theme, which this year is “From big data to personalized therapy – biostatistics meets molecular medicine”. The programme will be complemented by various interesting industry symposia. Danilo Fliser, the Chair of the Scientific Committee and his team have worked tremendously during the last months to make each session a real highlight. He was supported by Denis Fouque, who again acted as the Chair of the Paper Selection Committee and thanks to your enthusiasm they were able to select among almost 2400 abstracts.

The programme was organized in collaboration with the Austrian Society of Nephrology (ÖGN), which will co-host the event and I would like to thank Karl Lhotta, the current President of the ÖGN and Alexander Rosenkranz, the Congress Secretary, for their help and easy going support. Symposia are also organized in collaboration with other organisations like the Japanese Society of Nephrology, the Chinese Society of Nephrology, the International Society of Nephrology, the American Society of Nephrology and the European Society of Cardiology. Outstanding data will be presented together with “The Lancet” and also during our late breaking clinical trials session. We also would like to welcome all ERA-EDTA members to the General Assembly of the ERA-EDTA, where the Officers and our President will update you on the work that has been done during the last year.

We are confident that the days in Vienna will bring you up to date with the latest clinical and scientific developments in our field. Beyond that however we also hope that you will be able to get an impression of the city, which is definitely worthwhile to visit and hopefully you will come back again.

Gert Mayer
Congress President

Andrzej Więcek
ERA-EDTA President
ÖGN Vorstand

Österreichische Gesellschaft für Nephrologie

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www.era-edta.org
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ERA-EDTA is grateful to the following physicians for the work done in reviewing the abstracts submitted to this year’s congress.

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Claudio Ponticelli, Italy

Acute Kidney Injury. Experimental
Andreas Kribben, Germany
Acute Kidney Injury. Clinical  
Norbert Lameire, Belgium

Chronic Kidney Disease. Lab methods, GFR measurement, urine proteomics  
Danilo Fliser, Germany

Chronic Kidney Disease. Pathophysiology, progression and risk factors  
Ivan Rychlik, Czech Republic

Chronic Kidney Disease. Clinical epidemiology  
Bénédicte Stengel, France

Chronic Kidney Disease. Anaemia  
Michel Jadoul, Belgium

Chronic Kidney Disease. Bone disease  
Pieter Evenepoel, Belgium

Chronic Kidney Disease. Nutrition, inflammation and oxidative stress  
Daniel Teta, Switzerland

Chronic Kidney Disease. Rehabilitation  
Naomi Clyne, Sweden

Diabetes. Clinical studies  
Peter Rossing, Denmark

Dialysis. Extracorporeal dialysis: techniques and adequacy  
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Peritoneal dialysis  
Olof Heimbürger, Sweden

Dialysis. Cardiovascular complications  
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Dialysis. Vascular access  
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Dialysis. Bone disease  
João M. Frazão, Portugal

Dialysis. Protein energy wasting, inflammation and oxidative stress  
Peter Barany, Sweden

Renal transplantation. Experimental, immune-tolerance of allogenic and xenogenic transplants  
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Abstracts USB-Stick
A voucher to collect the Abstracts USB-Stick is in all registered congress members bags. Should you wish to receive one you can collect it at the booth 2.200 (Vifor Fresenius Medical Care Renal Pharma) located in the Exhibition.
We strongly encourage you to access our online version available at www.era-edta2016.org.

Admission
Admission to the scientific sessions is strictly reserved to registered congress members. Minors cannot access the session halls even if accompanied by a registered adult. The same applies also to the Exhibition.
ERA-EDTA as per EFPIA HCP Code does not extend hospitality in any way to persons other than the registered congress members.

Certificate of attendance
The certificate of attendance will be sent to all regularly registered congress members by email after the congress. If you need a hard copy, you can collect it at the dedicated desk located in the Registration Area of the Austria Center Vienna starting from May 24, 2016 after 13.00. In case you do not receive the certificate of attendance by email, please write to registrations@era-edta.org.
Please note that the certificate will specify the exact number of days that you will have attended the congress.

Coffee and tea break
Complimentary coffee and tea will be served in the Exhibition, during all coffee breaks, except on May 21, 2016 when refreshments will be served close to the session halls.

Congress membership
Regularly registered congress members are entitled to attend all Scientific and Poster Sessions, Welcome Ceremony and Reception and the Industrial Exhibition. Onsite they will also receive a congress kit (including the Final Programme and the voucher for the Abstracts USB-Stick). Accompanying guest congress membership is not available; however, all registered congress members can take part, with their accompanying guests, in the Welcome Ceremony and Welcome Reception on May 21, 2016.
All registered congress members must wear their name badge when attending any congress event. Please note that only attendants wearing congress members badges are entitled to attend lectures and poster sessions.
The information printed on the badges is exactly the one provided by congress members during the registration procedure.

Reprint/Lost-forgotten badges
A “Reprint desk” for lost or forgotten congress members badges will be available in the Registration Area. A replacement badge will cost EUR 20.00 and only payments in cash will be accepted.

CME Courses
In order to participate in the CME Courses held on May 21, 2016, all regularly registered congress members must go to the session halls and have their badge scanned by the hostesses at the entrance (at registered congress members’s own responsibility).
Please note that the seat capacity of the conference rooms is limited, therefore participation in these courses will be on a “first come first served” basis.
The courses are reserved to regularly registered congress members and are included in the congress membership fee.
Facilities at the Austria Center Vienna
A cloak room is located on level 0, in Foyer F; this service will be available for the entire duration of the congress.
An internet point is available in the Registration Area; a Wi-Fi service is provided in the main public spaces of the congress centre, meeting rooms and exhibition. There are several food & beverage options located in the congress venue; there are also catering areas in the exhibition.

Grant policy
All ERA-EDTA travel grants had to be applied for in advance and have already been assigned. No additional travel grants, reduced fees or financial support of any kind can be given to registered congress members.

Information Desk
At the Information Desk in the Registration Area, level 0, it will be possible to receive promotional materials about Vienna, including maps, as well as information about public transportation, sightseeing tours, city walks, day trips outside Vienna, cultural events and restaurant reservations.
Opening hours:
- Friday, May 20  14:00-18:30 hours
- Saturday, May 21  08:30-18:30 hours
- Sunday, May 22  08:30-18:30 hours
- Monday, May 23  08:30-18:30 hours
- Tuesday, May 24  08:30-14:00 hours

Insurance / Liability
Participation in this Congress implies that persons/registered congress members agree that the organizers do not assume any liability whatsoever. Upon registration, the congress members accept this proviso.

Language of the Congress
The official language of the Congress is English. No simultaneous translation will be provided.

Lunch
Snack bars and catering areas will offer snacks and sandwiches for purchase; they are located in the Exhibition. Most of the Companies that have arranged Industry Sponsored Symposia will offer lunch to the registered congress members.

Post-congress correspondence
If you wish to contact the ERA-EDTA after the Congress, here are the full contact details: ERA-EDTA Headquarters, Via XXIV Maggio 38, 43123 Parma (Italy), telephone: +39-0521-989078, fax: +39-0521-959242. For all matters related to congress memberships and receipts: registrations@era-edta.org. For all matters related to abstracts and travel grants: abstracts@era-edta.org. For all matters related to the scientific programme, speakers and chairs: program@era-edta.org.

Programme changes
The organizers cannot assume liability for changes in the programme due to external or unforeseen circumstances.
Congress Information

Registration / Information
The registration and information desks are located in the Registration Area of the Austria Center Vienna.
The desks will be open at the following times:
Friday, May 20  11:00-19:00 hours
Saturday, May 21  07:00-19:00 hours
Sunday, May 22  07:00-19:00 hours
Monday, May 23  07:00-19:00 hours
Tuesday, May 24  07:00-16:30 hours

Receipts
Pre-registered congress members may request the receipt of the congress membership fee by personally giving their full address to the staff working at the ERA-EDTA Congress Office desk or by sending a specific request to registrations@era-edta.org. Receipts will be sent upon request and only after the congress.
Onsite registered congress members may request the receipt of the payment by ticking the appropriate box in the onsite form or personally giving their full address to the ERA-EDTA Congress Office desk or by sending a request to registrations@era-edta.org. Receipts will be sent after the congress.

UEMS CME Credits
The 53rd ERA-EDTA Congress has been designated for a maximum of 24 hours of European external CME credits.
Please refer to page 18 for further accreditation details.

ERA-EDTA cannot be deemed responsible for forgotten, lost or stolen personal belongings and Congress materials.

SPEAKERS INFORMATION
The Speakers’ Preview Room is located in the Level 0, Main Entrance Foyer of the Austria Center Vienna.
All presentations need to be prepared as PowerPoint files and will be loaded on a central server in the Speakers’ Preview Room.
All speakers should bring their presentations stored on a CD, DVD or USB memory stick to this room no later than 2 hours before the start of their session (or the afternoon of the day before if the presentation refers to the first morning sessions).
The use of laptop computers and traditional slides will not be possible.
The Disclosure of Interest of all Invited Speakers and Chairs will be made available at the beginning of each session. Moreover, they have been posted on the Vienna Congress website www.era-edta2016.org, under a specific section.
EUROPEAN UNION OF MEDICAL SPECIALISTS (UEMS)
CME CREDITS

The 53rd ERA-EDTA Congress has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME). The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net. The 53rd ERA-EDTA Congress is designated for a maximum of 24 European CME credits (ECMEC).

Each medical specialist should claim only those credits for the sessions that he/she actually attended.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert the EACCME credits received to an equivalent number of AMA PRA Category 1 Credits™. Information on this matter can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

For more information, visit www.uems.net.

HOW TO RECEIVE UEMS CME CREDITS
ERA-EDTA will track attendance of congress members during the congress in the Austria Center Vienna each day. Regularly registered congress members must go to the session halls and have their badge scanned by the hostesses at the entrance (at registered congress members’s own responsibility). All Congress members will then be awarded the number of credits towards the hours actually spent participating in the sessions of the congress. ERA-EDTA will send UEMS CME certificates to all regularly registered congress members by email approximately one month after the end of the Congress. In case you do not receive it by that time, please write to cmecredits@era-edta.org.
Congress Information

ACCEPTED ABSTRACTS

Free Communications
The presentation time for all free communication sessions is 10 minutes, followed by 3 minutes of discussion.
All speakers are requested to keep to their allotted time. Please ensure that you are in your session hall at least 10 minutes before the session starts, and remain until the end of the session.
All presentations need to be prepared in PowerPoint. All speakers should bring their presentations stored on a CD-ROM, DVD or USB memory stick to the Speakers’ Preview Room no later than 2 hours before the start of their session. The use of laptop computers and traditional slides will not be possible.

Posters
Posters will be displayed in the Poster Area located in the Exhibition Hall of the Austria Center Vienna.
There will be two poster sessions, with the following timetable:

Sunday, May 22 09:30-10:45
Monday, May 23 09:30-10:45

Authors should mount their poster on the day of their session starting at 07:30 and dismantle it after 17:00 hrs the same day. The poster panel measures 90 cm width x 200 cm height (portrait/vertical). The organisers will provide suitable fixing material during this period (07:30-17:00).
When the exhibition is closed, only authors with a congress badge will be able to enter and go through the exhibition area (through a preferential way) to get to the poster area.
The code number of each poster indicates both the position of the display board as well as the abstract number in the Abstracts USB-Stick.
Presenting authors are kindly requested to be present throughout the official poster viewing time in order to explain their research and to answer questions from congress members. There will be no guided formal discussion.
ERA-EDTA cannot be deemed responsible for lost or stolen posters.
Posters which are not dismounted by the end of each day will automatically be disposed of.

Abstract numbering system
e.g. SP313 = Sunday, poster number 313

S = Sunday
M = Monday
T = Tuesday

O = free communication
P = poster

Number: Abstract number and reference number for the USB-Stick.
ERA-EDTA AWARDS AND GRANTS

Also this year the ERA-EDTA has decided to give up to 90 travel grants for young nephrologists (under 40 years of age) to attend the Vienna Congress. The total sum – EUR 50,000 - has thus been allocated to the best rated abstracts in the various categories.

All winners will receive:

a) Free Congress Registration;
b) A grant for EUR 500, except for the Presenting Authors of the best abstracts of each category whose grant will be of EUR 1,000.
The Presenting Authors of the two best abstracts of each category will also receive a diploma, independently of age.

The Paper Selection Committee has also selected the 8 best abstracts overall, the authors of which will receive a diploma.

How to collect your grant
In case of free communications, a voucher will be given to the winner of the grant directly from the Chairpersons of his/her session. Instead, poster presenters will have to go directly to the Grants Desk in the Registration Hall of the Austria Center Vienna.
Congress awards will be given only to the presenting author of the successful abstract, who must show a valid identification picture ID, together with the voucher (if applicable), to the ERA-EDTA staff at the ERA-EDTA Grant Desk after the presentation.
Awards will not be given to co-authors/colleagues/friends/relatives; no exceptions will be made.

No other grants or financial support of any kind, besides the grants mentioned above, will be given to registered congress members.

* Eight best abstracts

♦ Eight best abstracts presented by young authors

★ Best abstracts presented by young authors
Eight Best Abstracts

The authors of the abstracts below will receive a diploma.

SO003
RELATIONSHIP BETWEEN MEAN FLUORESCENCE INTENSITY AND C1Q/C3D-FIXING CAPACITIES OF ANTI-HLA ANTIBODIES
Guillaume Claisse, Saint Etienne, France

SO012
PREGNANCY OUTCOMES IN RENAL TRANSPLANT RECIPIENTS IN ENGLAND OVER 15 YEARS
Nadia Sarween, Birmingham, United Kingdom

SO027
IMPROVING THE PREDICTION OF EARLY ANTIBODY MEDIATED REJECTION IN HLA INCOMPATIBLE KIDNEY TRANSPLANTATION
Jorge Malheiro, Porto, Portugal

SO044
PREDICTION MODELS FOR THE MORTALITY RISK IN CHRONIC DIALYSIS PATIENTS: A SYSTEMATIC REVIEW AND INDEPENDENT EXTERNAL VALIDATION STUDY
Chava L. Ramspek, Leiden, The Netherlands

SP642
CANCER INCIDENCE AND PROGRESSION TO MORTALITY AMONG KIDNEY ALLOGRAFT RECIPIENTS IN ENGLAND: A POPULATION-COHORT ANALYSIS BETWEEN 2003 AND 2013
Francesca Jackson-Spence, Birmingham, United Kingdom

MO039
SUCCESSFUL STEROID REPLACEMENT IN ANCA-ASSOCIATED VASCULITIS WITH C5a RECEPTOR INHIBITOR CCX168 IN PHASE 2 RANDOMISED TRIAL (CLEAR)
David Jayne, Cambridge, United Kingdom

MO059
RISK FACTORS FOR SEVERE RENAL DISEASE IN BARDET-BIEDL SYNDROME - PHENOTYPIC AND GENOTYPIC ANALYSES OF THE LARGEST REPORTED AffECTED COHORT
David J. A. Goldsmith, London, United Kingdom

MP344
THE INTERDIALYTIC PERIOD FOR BLOOD COLLECTION INFLUENCES SERUM PHOSPHORUS AND THE RISK OF MORTALITY IN THE COSMOS STUDY
Adriana Dusso, Oviedo, Spain
Eight Best Abstracts presented by Young Authors

The authors of the abstracts below will receive a grant of EUR 1,000, free congress membership and a diploma.

SO003
RELATIONSHIP BETWEEN MEAN FLUORESCENCE INTENSITY AND C1Q/C3D-FIXING CAPACITIES OF ANTI-HLA ANTIBODIES
Guillaume Claisse, Saint Etienne, France

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Chava L. Ramspek, Leiden, The Netherlands

SP001
ALTERATIONS OF ION TRANSPORTERS IN CELLS OF THICK ASCENDING LIMB IN AUTOSOMAL DOMINANT TUBULOINTERSTITIAL KIDNEY DISEASE – UMOD
Elisabeth Kemter, Munich, Germany

SP642
CANCER INCIDENCE AND PROGRESSION TO MORTALITY AMONG KIDNEY ALLOGRAFT RECIPIENTS IN ENGLAND: A POPULATION-COHORT ANALYSIS BETWEEN 2003 AND 2013
Francesca Jackson-Spence, Birmingham, United Kingdom

MO014
ALANYL-GLUTAMINE ADDITION TO BIOCOMPATIBLE PERITONEAL DIALYSIS FLUID MODULATES IL 1 AND IL 6 SIGNALING IN PERITONEAL EFFLUENT CELLS
Rebecca Herzog, Vienna, Austria

MO053
PERIOSTIN INTERACTS WITH INTEGRINS TO PROMOTE RENAL INFLAMMATION AND PROGRESSION OF RENAL DISEASE
Niki Prakoura, Paris, France

MO055
HAEMODYNAMIC RESPONSE TO OXYGEN SUPPLEMENTATION IN CHRONIC KIDNEY DISEASE IS NOT CAUSED BY A KIDNEY SPECIFIC CHEMO–REFLEX
René Van Der Bel, Amsterdam, The Netherlands

TO007
COMPLEMENT MODULATION OF PERICYTE-TO-MYOFIBROBLAST TRANS-DIFFERENTIATION (PMT) AND MICROVASCULAR RAREFACTION IN RENAL ISCHEMIA/REPERFUSION (I/R)
Rossana Franzin, Bari, Italy
Best Abstracts presented by Young Authors

*The authors of the abstracts below will receive a grant of EUR 500, free congress membership and a certificate.*

**SO002**
QUANTIFICATION OF PLASMA DONOR-_DERIVED CELL-FREE DNA TO MONITOR KIDNEY TRANSPLANT HEALTH: PRELIMINARY RESULTS OF A SINGLE TUBE MULTIPLEX PCR ASSAY
*Els Gielis*, Antwerp, Belgium

**SO005**
TRANSLATION OF ANTI FIBROTIC MICRORNA STRATEGIES INTO A MOUSE MODEL OF CHRONIC ALLOGRAFT DYSFUNCTION
*Celina Schauerte*, Hannover, Germany

**SO012**
PREGNANCY OUTCOMES IN RENAL TRANSPLANT RECIPIENTS IN ENGLAND OVER 15 YEARS
*Nadia Sarween*, Birmingham, United Kingdom

**SO013**
REMOTE ISCHAEMIC CONDITIONING ON RECIPIENTS OF DECEASED RENAL TRANSPLANTS DOES NOT IMPROVE EARLY GRAFT FUNCTION. A MULTICENTRE, RANDOMISED, CONTROLLED CLINICAL TRIAL
*Nicoline V. Krogstrup*, Aarhus, Denmark

**SO014**
THE PRESENCE OF CMV-SPECIFIC T-CELLS IN CMV-SERONEGATIVE KIDNEY TRANSPLANT RECIPIENTS PREDICTS OUTCOME AFTER KIDNEY TRANSPLANTATION
*Thomas Schachtner*, Berlin, Germany

**SO015**
KDPI DEPENDENT OUTCOMES AND DISCARD RATES - A COMPARISON OF EUROPEAN AND U.S. RESULTS
*Lukas J. Lehner*, Berlin, Germany

**SO016**
INFLAMMATION IN EARLY KIDNEY ALLOGRAFT SURVEILLANCE BIOPSIES WITH AND WITHOUT ASSOCIATED TUBULO-INTERSTITIAL CHRONIC DAMAGE AS A PREDICTOR OF FIBROSIS PROGRESSION AND DEVELOPMENT OF DE NOVO DONOR SPECIFIC ANTIBODIES
*Clara Garcia-Carro*, Barcelona, Spain

**SO018**
EFFECTS OF GLP-1 ON METABOLIC KIDNEY AND HEART DISEASE
*Peter Boor*, Aachen, Germany

**SO023**
ASSOCIATIONS OF 15-YEAR AVERAGE POTASSIUM INTAKE WITH LONG TERM RENAL OUTCOME IN THE OUTPATIENT CLINICAL SETTING
*N. D. van Noordenne*, Amsterdam, The Netherlands
SO027
IMPROVING THE PREDICTION OF EARLY ANTIBODY MEDIATED REJECTION IN HLA INCOMPATIBLE KIDNEY TRANSPLANTATION
Jorge Malheiro, Porto, Portugal

SO034
ASSOCIATION BETWEEN SERUM FERRITIN AND MORTALITY: US AND EURODOPPS FINDINGS
Angelo Karaboyas, Ann Arbor, MI, U.S.A.

SO046
EFFECT OF GLOMERULAR FILTRATION RATE AT DIALYSIS INITIATION ON SURVIVAL IN PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE - TAKING ACCOUNT OF LEAD-TIME BIAS
Cynthia J. Janmaat, Leiden, The Netherlands

SO047
IMPROVED SURVIVAL WITH CONVERSION FROM NON FUNCTIONAL TO FUNCTIONAL ARTERIOVENOUS FISTULA AFTER HEMODIALYSIS INITIATION - FINDINGS FROM THE FRENCH REIN REGISTRY
Natalia Alencar de Pinho, Villejuif, France

SO051
URINE PEPTIDE MARKERS PREDICTS ESRD RISK IN ADPKD AND REVEAL PROTEOLYTIC PATWAYS INVOLVED IN PROGRESSION
Martin Pejchinovski, Hannover, Germany

SO052
DEVELOPMENT OF A RAPID SEMI-AUTOMATED TOOL TO MEASURE TOTAL KIDNEY VOLUME IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Roslyn J. Simms, Sheffield, United Kingdom

SO057
MORTALITY RISK IN EUROPEAN CHILDREN WITH END-STAGE RENAL DISEASE ON DIALYSIS RESULTS FROM THE ESPN/ERA-EDTA REGISTRY
Nicholas Chesnaye, Amsterdam, The Netherlands

SO059
LONG TERM EFFICACY OF COMMONLY USED STEROID SPARING AGENTS AMONG IDIOPATHIC NEPHROTIC CHILDREN
Biswanath Basu, Kolkata, India

SO060
INFECTION-RELATED HOSPITALIZATIONS AFTER KIDNEY TRANSPLANTATION IN CHILDREN: INCIDENCE, RISK FACTORS AND COST
Julien Hogan, Paris, France

SP010
INTEGRIN β1 IS NECESSARY FOR THE DEVELOPMENT OF RENAL MEDULLA
Shinya Nakatani, Osaka, Japan
SP011
A MULTIDISCIPLINARY STEPWISE PROTOCOL FOR THE TREATMENT OF REFRACTORY CHRONIC PAIN IN ADPKD PATIENTS: INITIAL RESULTS
Niek F. Castelein, Groningen, The Netherlands

SP040
BET BROMODOMAIN INHIBITION AMELIORATES EXPERIMENTAL INFLAMMATION IN THE KIDNEY
Jose Luis Morgado, Madrid, Spain

SP042
CREATION OF MOUSE MODELS OF COMPLEMENT MEDIATED RENAL DISEASE USING CRISPR-CAS9 TO INTRODUCE KNOWN HUMAN FACTOR H MUTATIONS IN HUMAN C5A-RECEPTOR KNOCK-IN MICE
Chris Li, Mountain View, CA, U.S.A.

SP043
THE ROLE OF GATA3 IN RENIN CELLS IN KIDNEY DEVELOPMENT AND DURING ADAPTATION TO PHYSIOLOGICAL STRESS
Irina V. Grigorieva, Vienna, Austria

SP121
RANDALL-TYPE MIDD: THE DISEASE SPECTRUM
Florent Joly, Poitiers, France

SP122
MIR-143 DEPENDENT DOWNREGULATION OF PODOCYTIC AND ENDOTHELIAL GLYCOCALYX PROTEINS CAUSES PROTEINURIA
Janina Müller-Deile, Hannover, Germany

SP168
MINCLE MAINTAINS M1 MACROPHAGE ACTIVATION VIA TLR4/NF-KB/SYK TO PROMOTE RENAL INFLAMMATION
Linli Lv, Hong Kong, Hong Kong

SP259
EFFECTS OF BONE MARROW-DERIVED CELLS AND THE MANIPULATION OF THE SDF-1/CXCR4 AXIS IN CKD-ASSOCIATED HEART REMODELING
Lina Golle, Münster, Germany

SP260
BONE MARROW MESENCHYMAL STROMAL CELLS INFUSION IN CKD PATIENTS: SAFETY AND FEASIBILITY STUDY WITH ONE YEAR FOLLOW UP VISIT
Soroosh Shekarchian, Tehran, Iran

SP261
RAGE–DNA APTAMER IMPROVES MR–ASSOCIATED RENAL INJURY THROUGH RAC1–MEDIATED MR ACTIVATION
Kensei Taguchi, Kurume, Japan
SP284
ARTERIAL STIFFNESS CALCULATED FROM PERIPHERAL ARTERIAL PULSE PRESSURE IS INDEPENDENTLY ASSOCIATED WITH ALL-CAUSE MORTALITY IN THE GENERAL POPULATION
Maarten A. de Jong, Groningen, The Netherlands

SP285
MORE THAN ONE THIRD OF RENAL PATIENTS UNDER PRIMARY CARE IN THE UK ARE NOT RECEIVING THE RECOMMENDED STATIN THERAPY FOR PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE
Johannes Scheppach, Erlangen, Germany

SP286
PLASMA BETA TRACE PROTEIN PREDICTS MORTALITY IN CKD: RELATION WITH ENDOTHELIAL DYSFUNCTION
Amaryllis Van Craenenbroeck, Stockholm, Sweden

SP288
ABILITY OF A UK ROUTINELY COLLECTED PRIMARY CARE DATABASE TO IDENTIFY PREVALENCE OF CHRONIC KIDNEY DISEASE AND RENAL REPLACEMENT THERAPY
Masao Iwagami, London, United Kingdom

SP394
TOTAL COST ANALYSIS IN SWEDEN, COMPARISON OF 4 DIFFERENT DIALYSIS MODALITIES
Johan Olsson, Gothenburg, Sweden

SP396
IMPROVING DIALYTIC REMOVAL OF PROTEIN-BOUND UREMIC TOXINS USING BINDING COMPETITORS - AN IN SILICO LONG TERM KINETIC STUDY
Vaibhav Maheshwari, New York, NY, U.S.A.

SP432
SYNDECAN-1 IS EXPRESSED IN INTERENDOTHELIAL JUNCTIONS AND IS NOT ASSOCIATED WITH PERITONEAL SOLUTE TRANSPORT
Carmen A. Vlahu, Amsterdam, The Netherlands

SP434
CYCLIN-DEPENDENT KINASE5 NEGATIVELY REGULATES LPS-INDUCED INFLAMMATION IN HUMAN PERITONEAL MESOTHELIAL CELLS
Yun-Fang Zhang, Guangzhou, P.R. China

SP436
METABOLOCIC CHARACTERISATION OF PERITONEAL DIALYSIS EFFLUENT USING NMR SPECTROSCOPY
Danilo Lofaro, Cosenza, Italy

SP461
SEASONALITY OF HEMODYNAMIC PARAMETERS IN HEMODIALYSIS PATIENTS
Hanjie Zhang, New York, NY, U.S.A.
SP497
CHRONIC KIDNEY DISEASE DOES NOT IMPACT THE MORPHOLOGY AND CELLULAR COMPOSITION OF IN VIVO TISSUE ENGINEERED BLOOD VESSELS IN RATS
Taisiya Bezhaeva, Leiden, The Netherlands

SP546
DISTINCT IN VIVO IMMUNOLOGIC EFFECTS OF IRON SUCROSE AND IRON ISOMALTOSIDE 1000 ON MONOCYTES
Alexander B. Sellier, Homburg/ Saar, Germany

SP560
ASSESSMENT OF VISUAL ACUITY CHANGES IN RESPONSE TO HAEMODIALYSIS
Huda Mahmoud, Derby, United Kingdom

SP561
ASSOCIATION BETWEEN DAILY HEMODIALYSIS, ACCESS TO RENAL TRANSPLANTATION AND PATIENT’S SURVIVAL IN FRANCE
Adelaide Pladys, Rennes, France

SP610
SEASONAL TRENDS OF INFLAMMATORY MARKERS: DOES THE HEMODIALYSIS ACCESS PLAY A ROLE?
Schantel Williams, New York, NY, U.S.A.

SP630
THE NATURAL HISTORY OF KIDNEY GRAFT CORTICAL MICROCIRCULATION DETERMINED BY REAL-TIME CONTRAST-ENHANCED SONOGRAPHY (RT-CES)
Marta Ferreira, Madrid, Spain

SP633
PROSPECTIVE LONG-TERM ANALYSIS OF B- AND PLASMA CELL SUBSETS IN RENAL TRANSPLANT PATIENTS AFTER TREATMENT WITH RITUXIMAB AND BORTEZOMIB IN ANTIBODY MEDIATED REJECTION
Michael Duerr, Berlin, Germany

SP649
LONGITUDINAL ASSESSMENT OF ORAL GLUCOSE TOLERANCE TEST PARAMETERS FOR THE PREDICTION OF PANCREAS TRANSPLANT DYSFUNCTION
Pascaline Alix, Lyon, France

SP655
ASSOCIATION OF ABDOMINAL CIRCUMFERENCE AND INFLAMMATION IN KIDNEY TRANSPLANT RECIPIENTS
Kristof Nagy, Budapest, Hungary

SP656
LONG-TERM OUTCOME OF RANDOMIZED TRIAL COMPARING CYCLOSPORINE AND TACROLIMUS THERAPY WITH STEROID WITHDRAWAL IN LIVING–DONOR RENAL TRANSPLANTATION: 10–YEAR FOLLOW UP
Jin Hae Kim, Seoul, Korea
SP658
INFLUENCE OF PRETRANSPLANT CLASS I AND II NON-DONOR-SPECIFIC ANTI-HLA IMMUNIZATION ON IMMUNOLOGIC OUTCOME AND GRAFT SURVIVAL IN KIDNEY TRANSPLANT RECIPIENTS
Anja Staeck, Berlin, Germany

SP659
DIFFUSE EXTENT OF PERITUBULAR CAPILLARITIS IN LATE ANTIBODY MEDIATED REJECTION IS ASSOCIATED WITH MORE SEVERE CHRONIC ALLOGRAFT DAMAGE
Zeljko Kikic, Vienna, Austria

SP663
77 KIDNEY EXCHANGE TRANSPLANTS IN 2015 AT ONE TRANSPLANT CENTER IN INDIA: A MODEL FOR THE DEVELOPING WORLD TO PREVENT COMMERCIAL TRANSPLANTATION
Vivek Kute, Ahmedabad, India

SP665
RECOVERY OF RENAL FUNCTION IN LIVER TRANSPLANT ALONE VERSUS COMBINED LIVER KIDNEY TRANSPLANTATION: ANALYSIS FROM THE NHSBT UK REGISTRY
Ilaria Umbro, Rome, Italy

SP667
POST-TRANSPLANTAT SURVIVAL OF KIDNEY TRANSPLANT RECIPIENTS IS SIGNIFICANTLY IMPAIRED BY PRE-TRANSPLANT CORONARY ARTERY DISEASE
Dmytro Khadzhynov, Berlin, Germany

SP669
SERUM UROMODULIN PREDICTS GRAFT FAILURE IN RENAL TRANSPLANT RECIPIENTS
Dominik Steubl, Munich, Germany

MO002
INCREASED SERUM PLATELET MICROPARTICLE CONTRIBUTES TO GLOMERULAR ENDOTHELIAL INJURY IN DIABETIC NEPHROPATHY
Yang Zhang, Nan Jing City, P.R. China

MO003
IMPLICATION OF INTERLEUKIN-17A, CYTOKINE OF TH17 RESPONSE, IN VASCULAR DAMAGE
Macarena Orejudo, Madrid, Spain

MO011
SNF472 - A POTENTIAL NOVEL CALCIFICATION INHIBITOR IN CKD-MBD
Ayshe Hyusein, Aachen, Germany

MO013
THE LONG-TERM EFFECT OF NOCTURNAL HOME HAEMODIALYSIS ON CARDIAC FUNCTION: OUTCOMES OF A 13-YEAR LONGITUDINAL STUDY
Emily See, Geelong, Australia
MO015
EVIDENCE FOR IMMUNOMODULATORY EFFECTS OF PERITONEAL ALANYL-GLUTAMINE IN CLINICAL PERITONEAL DIALYSIS DETECTED BY A NOVEL HIGH PERFORMANCE PROTEOMICS BIOMARKER APPROACH
Klaus Kratochwill, Vienna, Austria

MO016
PROTEIN KINASE C-BETA PREVENTS PRO-INFLAMMATORY CELLULAR AND CYTOKINE RESPONSE PATTERNS IN A GLUCOSE-MEDIATED, CATHETER-BASED IN VIVO PD MOUSE MODEL
Michael S. Balzer, Hannover, Germany

MO020
CHYMASE AND NEPRILYSIN ARE KEY REGULATORS OF THE CLASSICAL AND ALTERNATIVE RENIN ANGIOTENSIN SYSTEM (RAS) AFTER KIDNEY TRANSPLANTATION: IMPLICATIONS FOR RAS BLOCKING THERAPY
Johannes J. Kovarik, Vienna, Austria

MO030
CLINICAL EPIDEMIOLOGY, TREATMENT & SURVIVAL OF YOUNG ADULTS STARTING RENAL REPLACEMENT THERAPY IN THE UK USING 15 YEARS OF UK RENAL REGISTRY DATA
Alexander J. Hamilton, Bristol, United Kingdom

MO042
VALIDATION OF THE 2010 HISTOPATHOLOGIC CLASSIFICATION OF ANCA ASSOCIATED GLOMERULONEPHRITIS IN A SPANISH COHORT
H. Marco, Badalona, Spain

MO046
NON-ACTIVATABLE MUTANT OF INHIBITOR OF KAPPA B KINASE α (IKKα) EXERTS SITE-SPECIFIC EFFECTS ON ATHEROSCLEROSIS
Heidi Noels, Aachen, Germany

MO047
MEGALIN/CUBILIN-LYSOSOME-MEDIATED ALBUMIN REABSORPTION IS INVOLVED IN THE TUBULAR CELL ACTIVATION OF NLRP3 INFLAMMASOME AND TUBULOINTERSTITIAL INFLAMMATION
Dan Liu, Nanjing, P.R. China

MO050
MESENCHYMAL STEM CELL-DERIVED EXTRACELLULAR VESICLES ATTENUATE RENAL INJURY IN SWINE METABOLIC SYNDROME AND RENOVASCULAR DISEASE
Sreela Jonnada, Rochester, MN, U.S.A.

MO062
RARE GENETIC VARIANTS IMPLICATED IN INNATE AND ADAPTIVE IMMUNITY CO-SEGREGATE WITH FAMILIAL IGA NEPHROPATHY
Sharon N. Cox, Bari, Italy
MO066
ESTABLISHING THE RELATIONSHIP OF MUSCLE STRENGTH AND MUSCLE MASS WITH 5-YEAR CLINICAL OUTCOMES IN KIDNEY TRANSPLANTATION
Winnie Chan, Birmingham, United Kingdom

MP001
PKCε IS IDENTIFIED AS A NOVEL BINDING PARTNER OF β-CATENIN IN PODOCYTES
Michelle Duong, Hanover, Germany

MP002
TUMOR NECROSIS FACTOR-LIKE WEAK INDUCER OF APOPTOSIS FAVORS PHOSPHATE-INDUCED CALCIFICATION OF VASCULAR SMOOTH MUSCLE CELLS
Lucie Hénaut, Madrid, Spain

MP032
NEXT GENERATION GENE PANEL SCREENING IN STEROID-RESISTANT NEPHROTIC SYNDROME
Beata S. Lipska-Ziętkiewicz, Gdansk, Poland

MP034
CLARIFY THE INTRACELLULAR STRESS RESPONSE IN EARLY-STAGE ALPORT SYNDROME AND ESTABLISH AN EVALUATION SYSTEM FOR INTRACELLULAR REGULATION OF COL4A5
Kohei Omachi, Kumamoto, Japan

MP035
FREQUENT MUTATIONS OF CHINESE GITELMAN SYNDROME PATIENTS: FROM GENOTYPE TO CLINICAL AND PATHOLOGICAL FEATURES
Xiaoyan Peng, Beijing, P.R. China

MP345
CHRONIC KIDNEY DISEASE DISTURBS CARDIAC CALCIUM HANDLING DUE TO HIGH FGF23 LEVELS
Melissa Verkaik, Amsterdam, The Netherlands

MP347
CALCITRIOL ALTERS THE PATHOLOGICAL PHENOTYPE ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN AN EXPERIMENTAL MODEL OF CHRONIC KIDNEY DISEASE
Mandy E. Turner, Kingston, Canada

MP350
VITAMIN D RECEPTOR ACTIVATION INCREASES SERUM SCLEROSTIN IN CKD PATIENTS: A RANDOMIZED CLINICAL TRIAL
Claudia Torino, Reggio Calabria, Italy

TO008
INTRAVASCULAR NEUTROPHIL EXTRACELLULAR TRAP (NET) RELEASE PROMOTES VASCULAR INJURY AND TUBULAR NECROSIS UPON RENAL ISCHEMIA REPERFUSION
Daigo Nakazawa, Munich, Germany
PROPERDIN DEFICIENCY INCREASES THE SEVERITY OF RENAL ISCHEMIA REPERFUSION INJURY THE SEVERITY OF RENAL ISCHEMIA REPERFUSION INJURY
Zinah D. R. Zwaini, Leicester, United Kingdom

THE EFFECT OF BODY COMPOSITION IN THE EFFICACY OF CONVECTIVE TRANSPORT IN ON-LINE HEMODIAFILTRATION
Nicolás Macías, Madrid, Spain

CALCIUM MASS BALANCE DURING CITRATE HEMODIALYSIS: A RANDOMIZED CONTROLLED TRIAL COMPARING NORMAL AND LOW IONIZED CALCIUM TARGET RANGE
Jakob Gubensek, Ljubljana, Slovenia

BETA-HYDROXYBUTYRATE INHIBITS NLRP3-MEDIATED INFLAMMATION AND DELAYS PROGRESSIVE RENAL FAILURE DURING PRIMARY HYPEROXALURIA RELATED KIDNEY STONE DISEASE
Shrikant R. Mulay, Munich, Germany

PROTEINURIA AND DIABETES MELLITUS AS RISK FACTORS OF HYPO MAGNESEMINA IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Tatsufumi Oka, Osaka, Japan

CLINICAL PREDICTORS OF RESPONSE TO RITUXIMAB IN ANCA-ASSOCIATED VASCULITIS: A EUROPEAN COHORT
Federico Alberici, Milan, Italy
ASQ Travel Grants

ASQ (Altruistic Support by Questionnaire) is an initiative of the ERA-EDTA meant to help young doctors living in developing countries to attend the Congress in Vienna. This grant is meant to cover travel and accommodation expenses; all winners also receive a free congress membership.

Be sure to help and support this initiative, which is based on the number of replies received to the survey sent to all registered congress members after the event: for each 100 replies ERA-EDTA will support one ASQ grant!

SP125
THE HISTOPATHOLOGIC SPECTRUM OF KIDNEY BIOPSIES IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE
Khalfaoui Mohamed Amine, Casablanca, Morocco

SP258
BIOMIMETIC POLYMER MEMBRANE: PROGRAMMABLE SELF-ASSEMBLY AND GLOMERULAR-FILTRATION-BARRIER REPAIRMENT
Li Aiqing, Guangzhou, P.R. China

SP466
PREDICTIVE VALUE FOR GALECTIN 3 AND NTPROBNP IN HEMODIALYSIS PATIENTS
Luminita Voroneanu, Iasi, Romania

TO038
TACROLIMUS WITH CORTICOSTEROIDS IS INFERIOR TO MODIFIED PONTICELLI REGIMEN IN THE MANAGEMENT OF PRIMARY MEMBRANOUS NEPHROPATHY: RESULTS AT 2 YEARS OF RANDOMIZATION
Raja Ramachandran, Chandigarh, India

Best Abstract on Geriatric Nephrology presented by a Young Author

Thanks to a generous grant from the International Society of Geriatric Nephrology and Urology (ISGNU), meant to honour the memory of Prof. Dimitrious G. Oreopoulos, ERA-EDTA will give a travel grant of EUR 1,500, free congress membership and a diploma to the best abstract on geriatric nephrology submitted by a young author.

SP646
FAVOURABLE LONG TERM OUTCOMES OF KIDNEY TRANSPLANTATION FROM SELECTED DONORS OLDER THAN 80 YEARS
Davide Diena, Turin, Italy

Best Abstract on History of Nephrology presented by a Young Author

The author of the abstract below will receive a grant of EUR 1,000, free congress membership and a diploma.

SP745
YURI VORONOY - AT THE BEGINNING OF A LONG WAY
Alexey Zulkarnaev, Moscow, Russian Federation
The 2016 Run for Kidneys will take place on Sunday, May 22, 2016 at 16:00 in the area Am Kaisermühliendamm.

This year runners will enjoy a 3500 m run (5 x 700 m) through the Rudolf Nurejev Promenade located close to the Austria Center Vienna: the actual “start” is about 1 km from the ACV (about 800 m from the Arcotel Kaiserwasser).

The registration fee is € 20,00 and the Run for Kidneys 2016 proceeds will be donated to MSF - Medecins Sans Frontieres. Cash payment only will be accepted at the”Run for Kidneys Desk”.

Please pick up your race number and t-shirt at the ‘Run for Kidneys Desk’ that will be situated within the Registration Area at the Austria Center Vienna. Dressing rooms and storage will be available at the Austria Center Vienna and also onsite at the Start/Finish area. Please kindly check with our Staff at the Run for Kidneys registration desk on Level 0 - Registration Area.

Meeting point: at 15:30 Austria Center Vienna, Registration Area

Refreshments will be provided after the run.
ERA-EDTA Membership Office
You will find the ERA-EDTA Membership Office in the Registration Area of the Austria Center Vienna. It is possible to pay membership fees and become a new ERA-EDTA member.

How to vote for the new Ordinary Council Members
Voting is only available electronically from 22 April 2016 to 09.30 (CEST) on 23 May 2016 and can be accessed by visiting the ERA-EDTA website. (www.era-edta.org, section “About ERA-EDTA”, then click on “Council Candidates 2016”).

Voting onsite in Vienna will also be possible. The voting station, located next to the ERA-EDTA Membership Office, in the Registration Area, will be open on May 21 and 22, 2016 (during the opening hours of the Registration Desks). On May 23, 2016 the voting station will close at 09.00.
Voting will also be possible immediately before the start of the General Assembly, which will take place from 9.30 to 10.45 on Monday May 23, 2016 in room “Hall G”, Level -2, at the Austria Center Vienna.
A valid identification document (ie passport or national identity card) of the full member who wishes to vote must be shown in order to receive the voting credentials, should a member no longer remember them. Voting by proxy is NOT possible.

Candidates for Ordinary Council Membership (in alphabetical order according to last name):

• Peter Blankestijn (The Netherlands)
• Annette Bruchfeld (Sweden)
• Giovambattista Capasso (Italy)
• Bruce Hendry (United Kingdom)
• Rainer Oberbauer (Austria)
• László Rosivall (Hungary)
• Itzchak Slotki (Israel)
• Goce Spasovski (F.Y. R. of Macedonia)

A short curriculum for each candidate will be on display at the voting station and is also on the ERA-EDTA’s website (www.era-edta.org, section “About ERA-EDTA”, then click on “Council Candidates 2016”).

General Assembly 2016
All ERA-EDTA members are invited to participate in the above mentioned annual meeting. Access is open to current members only; please have your ERA-EDTA membership card with you to allow access to the meeting (access to the meeting room will be monitored). Full ERA-EDTA members have voice and vote during the meeting; Associate ERA-EDTA
Membership Information

members have voice, but no vote. The 2016 meeting will take place on Monday May 23, 2016 in room “Hall G”, Level -2, at the Austria Center Vienna.

Reasons to become an ERA-EDTA member
1. Free paper and/or online subscription to the journal “Nephrology Dialysis Transplantation” (NDT)
2. Free password to access the Directory of ERA-EDTA Members on Internet.
3. Discounted registration fees at the annual ERA-EDTA Congresses.
4. Presentations of the ERA-EDTA CME Courses.
5. 35% on Oxford University Press medical publications. Both lists of books and order forms are available at the OUP booth in the exhibition area.
6. Exclusive free access to EuroPD educational videos.
7. Unlimited access to ERA-EDTA E-materials for members attending the Congress (members not attending the Congress will receive 30 e-points).

Go and check out all the latest initiatives of the ERA-EDTA (including educational activities, grants, etc) on our website www.era-edta.org:
1. Membership information
2. Directory of all ERA-EDTA members
3. Annual ERA-EDTA Congresses
4. NDT and CKJ Journals (the latter, now open access)
5. ERA-EDTA Fellowship Programme
6. ERA-EDTA Grants
7. ERA-EDTA Research Programme
8. European Renal Best Practice (ERBP)
9. ERA-EDTA CME Courses
10. ERA-EDTA Registry
11. NDT-Educational
12. ComIa
13. European National Societies
14. ERA-EDTA Working Groups
15. ERA-EDTA Endorsed Working Groups
16. ERA-EDTA Sessions at other National/International Congresses
17. ERA-EDTA Young Nephrologists’ Platform and their new initiatives

To find out more about the ERA-EDTA (more advantages, educational initiatives, CME Courses, grants, etc.) visit the society’s homepage www.era-edta.org
Liebe Mitglieder der ÖGN!


Bitte versäumen Sie nicht die Eröffnungsveranstaltung am Samstag, 21. Mai um 18 Uhr mit interessanten gesundheitspolitischen Schwerpunkten. Besonders hinweisen möchten wir Sie auf die Sitzung „Lipids in Nephrology“ am 23. Mai um 17:00 Uhr. Diese wird zum Großteil von österreichischen Referenten gestaltet.

Als Service für ÖGN-Mitglieder wird diesmal am Registration Desk eine Vertretung der ÖGN anwesend und behilflich sein. In der Industrieausstellung wird es ein National Societies Village geben, in dem sich die nephrologischen Fachgesellschaften präsentieren können. Auch die ÖGN wird mit einem Stand vertreten sein.

Die 158. Vorstandssitzung der ÖGN findet bereits am 21. Mai um 15:00-17:30 im Austria Center Vienna, Raum 0.49 statt.


Wir wünschen Ihnen einen erfolgreichen Kongress,

Karl Lhotta, Präsident

Emanuel Zitt, Sekretär
INFORMATION FOR PRESS/MEDIA REPRESENTATIVES

Media Registration
Pre-registered journalists can pick up their press passes at the press office, room 0.42 (level 0, near the main entrance). The press pass provides access to all the sessions and symposia at this congress. For onsite registration, media representatives are similarly requested to come to the press room. The following identification will be required: press identification/press card and a letter of assignment from the news organization being represented. Please note: Public relations personnel and exhibitors cannot register as Press!

Press Room
ERA-EDTA will be providing a fully-equipped press room (WiFi/printer) in room 0.42. Press folders and other materials will be available.

Opening hours:
Saturday, May 21 - 08:30-18:00
Sunday, May 22 - 7:30-18:00
Monday, May 23 - 7:30-18:00
Tuesday, May 24 - 7:30-15:00

Official Hashtag
The official hashtag of the 53rd ERA-EDTA Congress is #eraedta16.

ERA-EDTA PRESS EVENTS

“Pre-Congress” Press Event/Opening Press Conference
Thursday, May 19, 11.30 am
Presseclub Concordia, Bankgasse 8, 1010 Vienna
This opening press conference, held in German (and mainly aimed at Austrian media), will highlight the importance of prevention and early detection of chronic kidney disease.

Scientific Press Conference
Sunday, May 22, 9.00-10.00 am
Room 051 (level 0)
A selection of the “Late Breaking Clinical Trials” (LBCT) and of papers published in top medical journals at the time of the congress will be presented by their authors and will be discussed. Please note that the embargo of the LBCT is lifted when presentation of the paper commences in the LBCT session of the main programme – but not at the press conference itself.

Other Press Events

Press Conference “Screening for Chronic Kidney Disease Among Older People Across Europe (SCOPE)”
Sunday, May 22, 10.30-11.30 am
Room 051 (level 0)
Early identification and management of patients with chronic kidney disease (CKD) is of paramount importance for slowing progression of the disease. The SCOPE project will evaluate the impact of current screening strategies for CKD in the older population, in terms of efficacy, cost-efficiency and quality of life, but will also investigate the impact of an innovative comprehensive screening methodology specifically targeting CKD among older people across Europe.
Embargo Policy
All abstracts presented at the ERA-EDTA are embargoed until the date and time of their presentation. The embargo is lifted at the beginning of the presentation, not at the beginning of the session!

Press Office ERA-EDTA 2016
albersconcept
Dr. Bettina Albers
Jakobstrasse 38
99423 Weimar, Germany
Tel. +49 3643 7764-23
Fax +49 3643 7764-52
Mobile +49 174 2165629
email: press@era-edta.org
YOU’VE ONLY JUST ARRIVED & ALREADY WE’RE THINKING OF YOUR NEXT TRIP

As the official airline network for the 53rd ERA-EDTA Congress, we’d like to thank you for choosing the Star Alliance network and hope that all goes really well for you here today.

Whilst you concentrate on the day’s events, we hope you’ll consider us the next time you need to attend a conference.

With over 18,500 flights a day to 1,330 airports across 192 countries, our 28 member airlines will extend a wide choice of flights to any future conference you’re planning to attend. And no matter which of those airlines’ frequent flyer programmes you belong to, you can earn and redeem miles across all of them.

So the next time you want to concentrate all your energies on your conference, we hope you’ll decide to leave the travel arrangements to us.

www.staralliance.com
Information correct as of 04/2016
VIENNA GENERAL INFORMATION

The Austrian capital is world-famous for its rich cultural and historical heritage, that can be sampled in the 100 museums or just by strolling the streets of the old city centre that belongs to the UNESCO world cultural heritage. Vienna is known as one of the music capitals of the world. There is no other city where so many famous composers have lived, and music tradition is kept alive in Vienna’s famous opera house and concert halls. Modern musicals have replaced the old operetta, with two theatres devoted to this genre alone. Nowadays Vienna is also known as a modern art centre and a city with a very high quality of life. In addition to sites of historical interest the city offers fine examples of innovative architecture, fashionable shopping areas, and moreover samples of Viennese lifestyle in its traditional coffee houses, the Heurigen (wine taverns), trendy bars, sausage vendors and clubs.

Headquarter City
Vienna is one of the 4 official seats of the United Nations and home to 15 UN organizations, OSZE and OPEC as well as 18 other international organizations. 200 international corporations have their Eastern European headquarters in Vienna (incl. JVC, Heineken, Henkel, Beiersdorf, Siemens) in addition to Austrian companies of global significance (e.g. Wienerberger AG, OMV). Every year, over 100 international companies open a branch office in Vienna.

Knowledge City
Over 34,000 people work in Vienna in the field of research and development, 43% of all research activities in Austria take place in Vienna. The city has 9 public universities, 5 advanced technical colleges and 6 private universities, with a population of over 160,000 students, the largest University City in the German-speaking region.

Congress City
In 2014 there were 1458 associations’ congresses in Vienna, and 2124 corporate events were held in the city in the same year. In 2015 Vienna held the second place worldwide in the ranking list of the most sought-after destinations for international congresses (ranking list provided by the ICCA: International Congress and Convention Association).

Diverse City
Formerly the capital of a multicultural and multilingual empire, Vienna has retained its international flair. 570,000 people of international origins from 198 countries live in Vienna, 200,000 from EU Member States. 49% of Viennese have a migrant background (either personally born outside of Austria or with at least one parent born elsewhere).

TRAVEL IN VIENNA
Public transport is safe, clean, fast, efficient and reasonably priced. It consists of a wide network of 5 subway lines (U-Bahn), 28 streetcar lines (trams), 100 bus lines, 31 night lines with short intervals (at peak times 3 to 5 minutes, in the evenings 5 to max. 15 minutes) and operating hours 05.00 to 00.30, night lines from 00.30 to 05.00, night subways every 15 minutes during nights before Saturdays, Sundays and public holidays.

Tickets are available:
• from 27 Wiener Linien ticket offices,
• from about 1,100 tobacconists,
• from over 340 ticket machines,
• on every streetcar and every bus.
Congress Information

Special tickets are available with Wiener Linien at https://shop.wienerlinien.at/index.php/special_customer/710/join/rbhuci9nEs
• 1-day-ticket: EUR 6.84
• 2-day-ticket: EUR 10.80
• 3-day-ticket: EUR 14.76
• 4-day-ticket: EUR 16.74

Shopping
Most shops are open Monday through Friday from 9.00 till 18.30 hrs and Saturday till 17.00 or 18.00 hrs. There are three main shopping areas in Vienna: the Old Town – Vienna’s own special note, the Kohlmarkt & Karnterstrasse - cool elegance and stylish glamour in exclusive boutiques and the Mariahilferstrasse - the city’s longest and most lively shopping street.

Tourist Information
For info on sightseeing, tips for dining, shopping, cultural events please visit the official Vienna tourist guide www.vienna.info/en.
DAY AT A GLANCE

09:00 - 12:15  **IWG CME Course**
News in the diagnostics and treatment of glomerular disease 44

**DESCARTES WG CME Course**
Practical issues in kidney transplantation 45

**EURECA-m WG CME Course**
A preview of the future in cardiovascular risk management in CKD 46

**EUDIAL WG CME Course**
Hemodiafiltration - the new standard of care? 47

**DIABESITY WG CME Course**
Diabetes and obesity in renal disease 48

**ERN WG CME Course**
As we grow old - nutritional considerations for the CKD elderly patient 49

**EUTox WG CME Course**
Uraemia: is it only a toxin affair? The emerging concept of networking 50

**WGIKD CME Course**
Inherited disorders: the kidney and beyond 51

13:15 - 16:30  **CME Course**
Rheumatology for nephrologists 52

**CKD-MBD WG CME Course**
New insights into CKD-MBD 53

**EuroPD CME Course**
Peritoneal dialysis in 2016 - where do we stand? 54

13:15 - 15:15  **CME Courses**
Disasters and the Nephrologist 55
Amyloidosis - old problem, new issues 55
Including the patient perspective in renal care 56
Transplantation immunology - an update 56
Prescription for health – Exercise as part of nephrological care 57

15:30 - 17:30  **CME Courses**
Non-pharmacological treatment of resistant hypertension - consensus for 2016 58
Less is more: why ‘treating to targets’ does not improve outcome of CKD patients? 58
Nephrolithiasis and CKD 59
Crosstalk in renal epidemiology (ERA-EDTA Registry) 60
Toxicology for nephrologists 60

18:00 - 19:30  **Welcome Ceremony** 61

19:30 - 21:00  **Welcome Cocktail in the Exhibition**
CME COURSE 1

IWG
(Immunonephrology Working Group)

News in the diagnostics and treatment of glomerular disease

Part I
Critical review of renal biopsy

Chairs: Loreto Gesualdo, Bari, Italy
Vladimir Tesar, Prague, Czech Republic

Indications for renal biopsy: when it is needed?
Loreto Gesualdo, Bari, Italy

Evidence based classification of renal pathology
Ian Roberts, Oxford, United Kingdom

Can biomarkers substitute renal biopsy in IgA nephropathy?
Yasar Caliskan, Istanbul, Turkey

What is the added value of renal biopsy and rebiopsy to clinical data in lupus
Gabriella Moroni, Pavia, Italy

What is the added value of renal biopsy to clinical data in vasculitis
Ingeborg M. Bajema, Leiden, The Netherlands

Part II
4 years after the KDIGO guidelines on glomerular diseases: when to update them?

Chairs: Rosanna Coppo, Turin, Italy
Mårten Segelmark, Linköping, Sweden

Membranous nephropathy
Jack F.M. Wetzels, Nijmegen, The Netherlands

IgA nephropathy
Jürgen Floege, Aachen, Germany

FSGS/minimal change disease
Rosanna Coppo, Turin, Italy

Lupus nephritis
David Jayne, Cambridge, United Kingdom

ANCA-associated vasculitis
Vladimir Tesar, Prague, Czech Republic
Scientific Programme

HALL F       09:00 - 12:15

CME COURSE 2

DESCARTES Working Group
(Developing Education Science and Care for Renal Transplantation in European States)

In collaboration with EKITA, the Organ Expert Section of ESOT on kidney transplantation in Europe

Practical issues in kidney transplantation

Part I

Chairs: Marc Hazzan, Lille, France
        Umberto Maggiore, Parma, Italy

Indications and complications of bariatric surgery before and after transplantation
Franco Citterio, Rome, Italy

Transplantation into an abnormal lower urinary tract: what should the nephrologist know?
Licia Peruzzi, Turin, Italy

Thrombotic microangiopathy in kidney allograft - how to proceed?
Christophe Legendre, Paris, France

Risk scores in kidney transplantation: how useful are they?
Marc Hazzan, Lille, France

Part II

Chairs: Christophe Legendre, Paris, France
        Rainer Oberbauer, Vienna, Austria

How to avoid DGF: patient perfusion or machine kidney perfusion?
Rainer Oberbauer, Vienna, Austria

How can you improve the outcomes of your kidney transplant program?
Daniel Abramowicz, Antwerp, Belgium

Assessment of recipient alloreactivity before transplantation
Ondrej Viklicky, Prague, Czech Republic

Should we treat asymptomatic bacteriuria after renal transplantation?
Julien Coussement, Brussels, Belgium
EURECA-m Working Group
(EUropean REnal and CArdiovascular Medicine)

A preview of the future in cardiovascular risk management in CKD

Part I
Uremic toxins, genetics and systemic disorders at the kidney-cardiovascular system interface

Chairs: Gérard London, Paris, France
Alberto Ortiz, Madrid, Spain

Future pathways to decrease concentration of cardiotoxic uremic toxins
Raymond Vanholder, Ghent, Belgium

Genetic epidemiology of the cardio-renal risk linked to urate transporters
Francesca Mallamaci, Reggio Calabria, Italy

Hypertension in systemic diseases
Andrzej Więcek, Katowice, Poland

Part II
Decreasing adverse cardiac outcomes in CKD

Chairs: Charles Ferro, Birmingham, United Kingdom
Carmine Zoccali, Reggio Calabria, Italy

Renal congestion in heart failure: concept and impact on outcome
Mehmet Kanbay, Istanbul, Turkey

Novel therapeutic approaches to heart failure in CKD patients
Patrick Rossignol, Nancy, France

How to prevent sudden death in chronic kidney disease
Gunnar Heine, Homburg/Saar, Germany
Scientific Programme

HALL C       09:00 - 12:15

CME COURSE 4

EUDIAL Working Group
(European Dialysis)

Hemodiafiltration - the new standard of care?

Part I
How to dose dialysis therapy: paradigm shift from urea to volume

Chairs: Carlo Basile, Acquaviva delle Fonti, Italy
       Peter J. Blankestijn, Utrecht, The Netherlands

Why should higher volume on-line haemodiafiltration improve survival?
Carlo Basile, Acquaviva delle Fonti, Italy

Hydration status and survival in haemodialysis patients
Andrew Davenport, London, United Kingdom

Does achieving bioimpedance guided normovolaemia increase intradialytic hypotension and loss of residual renal function?
Frank M. Van Der Sande, Maastricht, The Netherlands

Part II
Recent trials in HDF

Chairs: Andrew Davenport, London, United Kingdom
       Menso Nubé, Amsterdam, The Netherlands

Clinical evidence on HDF
Peter J. Blankestijn, Utrecht, The Netherlands

Incremental dialysis - does less dialysis preserve residual renal function?
Enric Vilar, Stevenage, United Kingdom

HDF around the globe: acceptance and regulatory issues worldwide
Bernard Canaud, Montpellier, France

Achieving more frequent and longer dialysis: compelling evidence from clinical trials?
Sandip Mitra, Manchester, United Kingdom
CME COURSE 5

Diabetes and obesity in renal disease

Chairs: Esteban Porrini, La Laguna, Spain
       Manuel Praga, Madrid, Spain

The effect of weight loss in obesity and chronic kidney disease
Enrique Morales, Madrid, Spain

Renal lipotoxicity: evidence of lipid deposits in human kidneys
Esteban Porrini, La Laguna, Spain

Glycemic control in patients with kidney disease: how to individualize the treatment
Drazenka Pongrac Barlovic, Ljubljana, Slovenia

NAFLD and microalbuminuria in the Netherlands Epidemiology of Obesity Study
Aiko De Vries, Leiden, The Netherlands

Macrophages and diabetic kidney disease
Josep Cruzado, Barcelona, Spain

The role of glomerular hyperfiltration in renal disease in obesity and diabetes
Avry Chagnac, Petah Tikva, Israel
Scientific Programme

HALL K  
CME COURSE 6

ERN  
(European Renal Nutrition Working Group)

As we grow old - nutritional considerations for the CKD elderly patient

Chairs: Denis Fouque, Lyon, France  
Pablo Molina, Valencia, Spain

The growing population of elderly dialysis patients: prevalence and consequences of protein-energy wasting  
Siren Sezer, Ankara, Turkey

Diagnosing protein-energy wasting in the elderly dialysis patient: Should it be any different from younger patients?  
Lina Johansson, London, United Kingdom

Nutritional requirements and nutritional management of elderly dialysis patients: should it be any different from younger patients?  
Daniel Teta, Lausanne, Switzerland

Sarcopenia and frailty in the elderly dialysis patient: concepts of clinical applicability or just theoretical artifacts?  
Juan Jesus Carrero, Stockholm, Sweden

Physical activity in the elderly dialysis patient  
Anne Kolko-Labadens, Suresnes, France

Treating the whole patient: Emphasizing quality of life  
Vincenzo Bellizzi, Salerno, Italy

Dialysis technique choice for the elderly dialysis patient: impact on nutritional status  
Pieter M. ter Wee, Amsterdam, The Netherlands
CME COURSE 7
HALL M

09:00 - 12:15

EUTox Working Group
(European Uremic Toxin)

Uraemia: is it only a toxin affair? The emerging concept of networking

Chairs: Angel Argiles, Montpellier, France
        Goce Spasovski, Skopje, F.Y.R. of Macedonia

Part I
The cell response to uraemic toxins

Uraemia and endothelial cells
Stéphane Burtey, Marseille, France

The renal tubular handling of uremic metabolites
Rosalinde Masereeuw, Utrecht, The Netherlands

Uraemia and blood cells
Griet Glorieux, Ghent, Belgium

Part II
CKD modification of the agonists and receptors: the integrative view of uraemic toxicity

Post translational modifications of the agonists in CKD
Vera Jankowski, Aachen, Germany

Receptors and altered target organs response in CKD
J. Mariano Rodriguez, Cordoba, Spain

The emergence of networking concept in uraemic toxicity: the integrative view
Alberto Ortiz, Madrid, Spain
Scientific Programme

HALL N

CME COURSE 8

WGIKD
(Working Group on Inherited Kidney Disorders)

Inherited Disorders: the kidney and beyond

Chairs: Olivier Devuyst, Zurich, Switzerland
Franz Schaefer, Heidelberg, Germany

Mitochondrial disorders
Francesco Emma, Rome, Italy

Intellectual disability and kidney disease
Nine V.A.M. Knoers, Utrecht, The Netherlands

Guidance and consensus reports on Fabry disease
Roser Torra, Barcelona, Spain

When the kidney biopsy speaks
Renate Kain, Vienna, Austria

News from the Impulsions Grants: role of endolysosomes and autophagy in Dent disease
Alessandro Luciani, Zurich, Switzerland

News from the Impulsion Grants: identification and functional characterization of new magnesiotropic genes
Francisco J. Arjona Madueño, Nijmegen, The Netherlands

News from the WGIKD
Olivier Devuyst, Zurich, Switzerland
CME COURSE 9

Rheumatology for nephrologists

Chairs: Hans-Joachim Anders, Munich, Germany
David Jayne, Cambridge, United Kingdom

Management of RA patients with CKD
Volker Vielhauer, Munich, Germany

Gout management in CKD
Hans-Joachim Anders, Munich, Germany

Kidney manifestations in Primary Sjögrens Syndrome
Dana Kidder, Aberdeen, United Kingdom

Scleroderma – an update for nephrologists
Ariane Herrick, Manchester, United Kingdom

My lupus nephritis patient has persistent proteinuria - what to do?
David Jayne, Cambridge, United Kingdom

The topoisomerase I inhibitor irinotecan as a new treatment option for lupus nephritis?
Steffen Frese, Berlin, Germany
**New insights into CKD-MBD**

**Part I**  
**Old and new biomarkers in CKD-MBD**

Chairs: **Vincent Brandenburg**, Aachen, Germany  
**Ziad Massy**, Paris, France

Will Klotho and FGF23 make you change your clinical practice?  
**Marc Vervloet**, Amsterdam, The Netherlands

Alkaline phosphatase  
**Jordi Bover**, Barcelona, Spain

Phosphate  
**Mario Cozzolino**, Milan, Italy

**Part II**  
**Too high, too low, defining the optimal PTH level in CKD**

Chairs: **Jordi Bover**, Barcelona, Spain  
**Mario Cozzolino**, Milan, Italy

What do observational and intervention studies teach us?  
**David Goldsmith**, London, United Kingdom

PTH resistance in CKD  
**Pieter Evenepoel**, Leuven, Belgium

What is the role of bone biopsy and bone biomarkers?  
**Pablo Antonio Ureña Torres**, Saint-Ouen, France
EuroPD

Peritoneal dialysis in 2016 - where do we stand?

Chairs: Nicholas Topley, Cardiff, United Kingdom
       Wim Van Biesen, Ghent, Belgium

Peritoneal membrane physiology and anatomy in 2016
Bert Bammens, Leuven, Belgium

Writing a suitable PD prescription in 2016
Monika Lichodziejewska-Niemierko, Gdańsk, Poland

Understanding infection in PD
Andreas Vychytil, Vienna, Austria

Nutrition in PD patients: still a cause of concern in 2016?
Juan Jesus Carrero, Stockholm, Sweden

Survival on PD - trends until 2016?
Moniek Van De Luijtgaarden, Amsterdam, The Netherlands

Keeping the patient euvoletic
Simon Davies, Stoke-On-Trent, United Kingdom

Home HD: Do's and dont's and underlying rationale
Wim Van Biesen, Ghent, Belgium
HALL C

CME COURSE 12

Disasters and the Nephrologist

Chairs: Garabed Eknoyan, Houston, U.S.A.  Norbert Lameire, Ghent, Belgium

The conceptual evolution of renal disasters
Garabed Eknoyan, Houston, U.S.A.

Renal Disaster Relief Task Force – Why was it founded? What did it achieve?
Norbert Lameire, Ghent, Belgium

Kidney problems in disasters other than earthquakes
Raymond Vanholder, Ghent, Belgium

Lessons learned from past disasters
Mehmet Sukru Sever, Istanbul, Turkey

HALL G

CME COURSE 13

Amyloidosis – old problem, new issues

Chairs: Jolanta Malyszko, Bialystok, Poland  Sanjeev Sethi, Rochester, U.S.A.

Amyloidosis - not so rare but underappreciated problem in nephrology
Jolanta Malyszko, Bialystok, Poland

New types of amyloidosis in their clinical relevance
Romana Rysava, Prague, Czech Republic

Diagnosis of amyloidosis – the easy and the not so easy diagnosis
Sanjeev Sethi, Rochester, U.S.A.

Promising new treatments of amyloidosis
Helen Lachmann, London, United Kingdom
Scientific Programme

HALL K

CME COURSE 14

Including the patient perspective in renal care

Chairs: Mehmet Kanbay, Istanbul, Turkey
Sabine Van Der Veer, Manchester, United Kingdom

Understanding quality of life in older people with CKD
Casper Franssen, Groningen, The Netherlands

Insights into the illness perceptions of older people with late CKD
Friedo W. Dekker, Leiden, The Netherlands

Using patient-reported outcomes in the clinic: lessons from other specialties
Sabine Van Der Veer, Manchester, United Kingdom

Routine collection of data on the patient perspective in renal registries: a European perspective
Fergus Caskey, Bristol, United Kingdom

HALL M

CME COURSE 15

Transplantation immunology - an update

Chairs: Christophe Legendre, Paris, France
Claudio Ponticelli, Milan, Italy

Update on donor cell specific antibodies
Christophe Legendre, Paris, France

Recurrent and de novo glomerulonephritis after transplantation
Claudio Ponticelli, Milan, Italy

Transplant glomerulopathy
Miklos Zsolt Molnar, Memphis, U.S.A.

Progress in transplantation tolerance
Ondrej Viklicky, Prague, Czech Republic

Novel immunosuppressives
Josep M. Grinyó, Barcelona, Spain
HALL N 13:15 - 15:15

CME COURSE 16

*Prescription for health – Exercise as part of nephrological care*

In collaboration with EURORECKD
(European Association of Rehabilitation in Chronic Kidney Disease)

Chairs: Naomi Clyne, Lund, Sweden
Herbert Löllgen, Remscheid, Germany

Learning from the EXCITE study
Carmine Zoccali, Reggio Calabria, Italy

Exercise as medicine in CKD – experiences over 30 years
Naomi Clyne, Lund, Sweden

Exercise with dialysis patients – benefits for cardio-vascular health
Evangelia Kouidi, Thessaloniki, Greece

Benefits and challenges of exercise rehabilitation for kidney transplant recipients
Tom Mercer, Edinburgh, United Kingdom

Exercise prescription for health: Recommendation with reference to chronic kidney disease
Herbert Löllgen, Remscheid, Germany

Round-Table-Panel (Chairs, Speakers and Auditorium)
HALL C  15:30 - 17:30

CME COURSE 17

Non-pharmacological treatment of resistant hypertension – consensus for 2016

Chairs: Peter J. Blankestijn, Utrecht, The Netherlands
Philip A. Kalra, Salford, United Kingdom

Selecting patients for renal denervation
Peter J. Blankestijn, Utrecht, The Netherlands

Baroreceptor activation: still an option?
Jan Menne, Hannover, Germany

Renal revascularization in high risk patients with RAS
Philip A. Kalra, Salford, United Kingdom

Central arteriovenous anastomosis
Roland E. Schmieder, Erlangen, Germany

HALL G  15:30 - 17:30

CME COURSE 18

Less is more: why ‘treating to targets’ does not improve outcome of CKD patients?

Chairs: Francesco Locatelli, Lecco, Italy
Tomasz Stompor, Olsztyn, Poland

Rise and fall of Hb target in CKD: from ‘high normal’ to ‘just avoid transfusion’?
Francesco Locatelli, Lecco, Italy

Treatment of cardiovascular disease in CKD: does it really help?
Tomasz Stompor, Olsztyn, Poland

Treatment of CKD-MBD and outcome: any good news since KDIGO 2009?
Markus Ketteler, Coburg, Germany

Controversies in dialysis: when to start
Jonathan G. Fox, Glasgow, United Kingdom
Scientific Programme

HALL K
CME COURSE 19

Nephrolithiasis and CKD

In collaboration with EULIS, the EAU Section of Urolithiasis

Chairs: Christian Seitz, Vienna, Austria
Robert Unwin, London, United Kingdom

Risk of CKD in stone patients: the epidemiology perspective
Pietro Manuel Ferraro, Rome, Italy

The renal damage by urological treatments
Alberto Trinchieri, Milan, Italy

Struvite stones: difficult to treat, difficult to prevent
Christian Türk, Vienna, Austria
Giovanni Gambaro, Rome, Italy

Nephrolithiasis and PKD (with an embedded clinical case)
Dominique Chauveau, Toulouse, France
CME COURSE 20

**Crosstalk in renal epidemiology**

Chairs: Patrik Finne, Helsinki, Finland  
Kitty J. Jager, Amsterdam, The Netherlands

Translational research in nephrology - Public Health  
**Simon Fraser**, Southampton, United Kingdom

Chances and challenges of using routine data collections for renal health care research  
**Gert Mayer**, Innsbruck, Austria

Prediction models  
**Bénédicte Stengel**, Villejuif, France

The credibility of subgroup analyses  
**Georg Heinze**, Vienna, Austria

Choosing the correct competing risk method - not always straightforward  
**Vianda Stel**, Amsterdam, The Netherlands

STROBE and the quality of reporting observational studies in nephrology  
**Fergus Caskey**, Bristol, United Kingdom

CME COURSE 21

**Toxicology for nephrologists**

Chairs: **Jan T. Kielstein**, Braunschweig, Germany  
**Robert Mactier**, Glasgow, United Kingdom

Summary of the available extracorporeal treatments in poisoning  
**Jan T. Kielstein**, Braunschweig, Germany

EXTRIP guidelines for extracorporeal removal of toxins: methodology and recommendations  
**Marc Ghannoum**, Montreal, Canada

Presentation of the EXTRIP process to a new toxin (Dabigatran)  
**Robert Mactier**, Glasgow, United Kingdom
WELCOME CEREMONY

HALL A 18:00 - 19:30

Welcome address
Gert Mayer, Congress President

Presidential address
Andrzej Więcek, ERA-EDTA President

Presentation of the ERA-EDTA Award for Outstanding Educational Contributions to Nephrology to Rosanna Coppo

Presentation of the ERA-EDTA Award for Outstanding Basic Science Contributions to Nephrology to Pierre Ronco

Presentation of the ERA-EDTA Award for Outstanding Clinical Contributions to Nephrology to Christoph Wanner

Presentation of the Award for Outstanding Contributions to ERA-EDTA to Raymond Vanholder

Presentation of the Stanley Shaldon Award for Young Investigators to Emilie Cornec-Le Gall

Presentation of the ERA-EDTA Honorary Membership to J. Douglas Briggs

Announcement of collaboration among ASN, ERA-EDTA and ISN
Raymond C. Harris, ASN President
Andrzej Więcek, ERA-EDTA President
Adeera Levin, ISN President

Presidential address
Karl Lhotta, ÖGN President

Lectures

Health policy making from the prospective of the European Community
Karin Kadenbach, Vienna, Austria

From costs of kidney disease to a healthier society
Raymond Vanholder, Ghent, Belgium

Welcome Cocktail in the Exhibition

In order to be totally compliant with the European Federation of Pharmaceutical Industries and Associations (EFPIA) Code of Conduct, and thus allow pharmaceutical and medical industry to participate in and support our annual Congress, the ERA-EDTA cannot provide any kind of entertainment (music, etc.) during any of its sessions. This is also true with regard to being compliant with the European Union of Medical Specialists (UEMS) accreditation. As a result, the nature of the Welcome Ceremony has had to change accordingly, and this will be the case also for all future ERA-EDTA Congresses until, or unless, these rules alter.
DAY AT A GLANCE

08:00 - 09:30 Symposia
Membranous nephropathy: new insights 64
Vascular access for HD 64
ERA-EDTA Registry 65
Aging and CKD 65
When cell biology meets tubular transport 66

Master class
Managing PD patients - from basic principles to advanced practice 66

Free Communications + Mini Lectures
Transplantation experimental 67
Mineral metabolism 69

09:30 - 10:45 Poster session 95

10:45 - 11:30 Plenary Lecture Andrew Kasarskis
A network-oriented view of living systems to complement the reductionist 70

11:45 - 13:15 Symposia
Late breaking clinical trials 70
Fluid management in the ICU 71
Should PD as initial dialysis modality become the standard of care? 71
Uremic cardiomyopathy 72
Actualities in hereditary disorders 72

Free Communications + Mini Lectures
Transplantation clinical 1 73
Diabetes basic 75
CKD physiopathology 76

13:15 - 15:15 Industry Symposia 335

15:15 - 16:45 Symposia
ASN Highlights 77
The Lancet/The Lancet Diabetes and Endocrinology 77
Lingering issues in kidney transplantation 78
Dialysis and transplantation in children 79

Free Communications + Mini Lectures
CKD-MBD 80
Anaemia management 82
Critical care nephrology 84
Dialysis epidemiology 85

17:00 - 18:30 Symposia
Joint Symposium ERA EDTA & ESC 87
Nutrition in CKD patients 87
Immunology and the kidney 88
Bone, calcium and PTH in CKD 88
Special situations with need for nephrology advice 89

Free Communications + Mini Lectures
Cystic diseases - experimental 90
Paediatric nephrology 1 91
History of nephrology 93

18:45 - 19:45 Industry Symposia 335
HALL A

Symposium 1

Membranous nephropathy: new insights

Chairs: Jesus Egido, Madrid, Spain
       Pierre Ronco, Paris, France

The pathogenetic and clinical role of glomerular antigens in membranous nephropathy
Rolf A.K. Stahl, Hamburg, Germany

The PLA2R autoantigen: from pathophysiology to patients’ care
Pierre Ronco, Paris, France

Calcineurin inhibitors in membranous nephropathy
Manuel Praga, Madrid, Spain

Rituximab in membranous nephropathy
Piero Ruggenenti, Bergamo, Italy

HALL D

Symposium 2

Vascular access for HD

Chairs: Carlo Basile, Acquaviva delle Fonti, Italy
       Nada Dimkovic, Belgrade, Serbia

Pre-operative evaluation of vascular capital
Maria Guedes Marques, Coimbra, Portugal
Pedro Ponce, Lisbon, Portugal

Predictors of fistula function
Marko Malovrh, Ljubljana, Slovenia

Non-pharmaceutical and pharmaceutical strategies to enhance fistula maturation and primary patency
Jan H. M. Tordoir, Maastricht, The Netherlands

Lock solutions to prevent clothing and infection in tunneled dialysis catheters
Laura Labriola, Brussels, Belgium
SUNDAY, MAY 22

HALL E  08:00 - 09:30

Symposium 3

**ERA-EDTA Registry**

**Chairs:** Ziad Massy, Paris, France  
Christoph Wanner, Würzburg, Germany

Lifetime risk of Renal Replacement Therapy in Europe  
**Jan Van Den Brand**, Nijmegen, The Netherlands

Transplanting kidneys from older deceased donors: a comparison of outcomes in young and old recipients  
**Maria Pippias**, Amsterdam, The Netherlands

Vascular access in children on hemodialysis  
**Michael Boehm**, Vienna, Austria

The effect of age on the prevalence of protein energy wasting among elderly Stage 4 CKD patients  
**Marie Evans**, Stockholm, Sweden

Beta-blockers and outcomes in diabetic dialysis patients: data from EURODOPPS  
**Christiane Drechsler**, Würzburg, Germany

HALL F  08:00 - 09:30

Symposium 4

**Aging and CKD**

**Chairs:** Gérard London, Paris, France  
Laszlo Rosivall, Budapest, Hungary

EVA & ADAM: impact on aging kidneys  
**Alberto Ortiz**, Madrid, Spain

BOLD MRI: a key measure to diagnose ischemic nephropathy  
**Menno Pruijm**, Lausanne, Switzerland

Aortic aging in ESRD: structural, hemodynamic and mortality implications  
**Gérard London**, Paris, France

New markers of frailty: myostatin  
**Thomas Bernd Dschietzig**, Bensheim, Germany
Scientific Programme

HALL B       08:00 - 09:30

Symposium 5

*When cell biology meets tubular transport*

Chairs: **Robert Fenton**, Aarhus, Denmark  
**Tobias Huber**, Freiburg, Germany

- mTOR and autophagy in tubular health and injury  
**Tobias Huber**, Freiburg, Germany
- The endolysosomal system in the proximal tubule  
**Olivier Devuyst**, Zurich, Switzerland
- Regulation of sodium channel trafficking  
**Olivier Staub**, Lausanne, Switzerland
- Cell biology of collecting duct water transport  
**Robert Fenton**, Aarhus, Denmark

HALL N       08:00 - 09:30

Master Class

*Managing PD patients - from basic principles to advanced practice*

Chair: **Bert Bammens**, Leuven, Belgium

- PD catheter: life line or strangling device?  
**Martin Wilkie**, Sheffield, United Kingdom
- Adequate PD prescription: balancing different interests  
**Simon Davies**, Stoke-On-Trent, United Kingdom
Scientific Programme

HALL C

08:00 - 09:30

Free Communication Session 1 + Mini Lecture

Transplantation experimental

Chairs: Nikolina Basic-Jukic, Zagreb, Croatia
Bruno Watschinger, Vienna, Austria

Mini lecture
Mesenchymal stem cells as a potential pretransplant desensitization tool
Gamal Saadi, Cairo, Egypt

FREE COMMUNICATIONS

SO001
C1-INHIBITOR ABROGATED ISCHEMIA/REPERFUSION (I/R) INDUCED INFLAMMAGING BY INHIBITING SENESCENCE-ASSOCIATED SECRETORY PHENOTYPE (SASP) IN TUBULAR EPITHELIAL CELLS (TEC)
Rossana Franzin1, Alessandra Stasi1, Angelica Intini1, Chiara Divella1, Margherita Gigante1, Simona Simone1, Paola Pontrelli1, Antonio Crovace1, Michele Battaglia1, Beatris Oortwijn2, Edwin V. Amersfoort2, Giuseppe Grandaliano3, Loreto Gesualdo1, Giuseppe Castellano1, 1Univ Bari, Dept Emergency and Organ Transplantation, Bari, ITALY, 2Pharming Group NV, Pharming Technologies NV, Leiden, NETHERLANDS, 3Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY.

SO002
QUANTIFICATION OF PLASMA DONOR-DERIVED CELL-FREE DNA TO MONITOR KIDNEY TRANSPLANT HEALTH: PRELIMINARY RESULTS OF A SINGLE TUBE MULTIPLEX PCR ASSAY
Els Gielis1,2, Kristien Ledeganck1, Hans Wils3, Jean-Louis Bosmans1,4, Steven Van Laecke5, Amelie Dendooven6,7, Benoit De Winter1, Jurgen Del Favero3, Daniel Abramowicz1,4, 1Univ Antwerp, Lab Experimental Medicine and Pediatrics, Antwerp, BELGIUM, 2Leiden Univ Medical Center, Dept Immunohematology and Blood Transfusion, Leiden, NETHERLANDS, 3Multiplicom NV, R&D Dept, Niel, BELGIUM, 4Antwerp Univ Hosp, Dept Nephrology and Hypertension, Edgem, BELGIUM, 5Ghent Univ Hosp, Renal Div, Ghent, BELGIUM, 6Univ Antwerp, CORE, Antwerp, BELGIUM, 7Antwerp Univ Hosp, Dept Pathology, Edgem, BELGIUM.

SO003
RELATIONSHIP BETWEEN MEAN FLUORESCENCE INTENSITY AND C1Q/C3D-FIXING CAPACITIES OF ANTI-HLA ANTIBODIES
Guillaume Claisse1, Lena Absi2, Eric Alamartine3, Nicolas Maillard3, Christophe Mariat1, 1Centre Hosp Univ, Nephrologie, Saint Etienne, FRANCE, 2Centre Hosp Univ, HLA Dept, Saint Etienne, FRANCE, 3Centre Hosp Univ, Néphrologie, Saint Etienne, FRANCE.

SO004
PATHOGENIC ROLE OF ANTI-HLA ANTIBODIES ON ENDOTHELIAL PROGENITOR CELL DYSFUNCTION IN HIGHLY SENSITIZED KIDNEY TRANSPLANT RECIPIENTS
Vincenzo Cantaluppi1, Davide Medica2, Giuliana Tognarelli2, Marco Quaglia1, Claudio Musetti1, Andrea Airola1, Luigi Biancone2, 1Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 2Univ Torino, Medical Sciences, Torino, ITALY.
SO005

TRANSLATION OF ANTI FIBROTIC MICRORNA STRATEGIES INTO A MOUSE MODEL OF CHRONIC ALLOGRAFT DYSFUNCTION

Celina Schauerte1, Anika Hübner1, Song Rong2, Michael Mangel3, Anette Melk4, Hermann Haller2, Thomas Thum1,5,6, Johan Lorenzen1,2, 1Hannover Medical School, Inst Molecular and Translational Therapeutic Strategies, Hannover, GERMANY, 2Hannover Medical School, Dept Nephrology and Hypertension, Hannover, GERMANY, 3Univ Alberta, Dept Laboratory Medicine and Pathology, Edmonton, AB, CANADA, 4Hannover Medical School, Clinic Pediatric Nephrology, Hepatology and Metabolic Disorders, Hannover, GERMANY, 5Hannover Medical School, Excellence Cluster REBIRTH, Hannover, GERMANY, 6Imperial College London, National Heart and Lung Inst, London, UK.
Scientific Programme

HALL K       08:00 - 09:30

Free Communication Session 2

Mineral metabolism

Chairs: Goce Spasovski, Skopje, F.Y.R. of Macedonia
       Carsten Wagner, Zurich, Switzerland

FREE COMMUNICATIONS

SO006
EFFECT OF SODIUM NITRITE ON RENAL VARIABLES, BRACHIAL AND CENTRAL BLOOD PRESSURE IN HEALTHY SUBJECTS. A RANDOMIZED, PLACEBO-CONTROLLED DOSE-RESPONSE STUDY
Jeppe B. Rosenbaek, Safa Therwani, Janni M. Jensen, Frank H. Mose, Erling B. Pedersen, Jesper N. Bech, Regional Hosp West Jutland and Aarhus Univ, Univ Clinic Nephrology and Hypertension, Dept Medical Research, Holstebro, DENMARK.

SO007
INITIAL MANAGEMENT OF HYPERKALAEMIA IN ACUTE ADMISSIONS
Heidy Hendra, Shahirose Jessani, Broomfield Hosp, Emergency Assessment Unit, Chelmsford, UK.

SO008
EFFECT OF THE POTASSIUM BINDING POLYMER PATIROMER ON URINE SODIUM EXCRETION IN HEALTHY ADULTS
David A. Bushinsky1, David M. Spiegel2, Wade Benton, Jeanene Fogli2, Kathleen M. Hill Gallant3, Alain Romero2, Charles Du Mond4, Coleman Gross2, Geoffrey A. Block5, Bertram Pitt6, 1Univ Rochester, Nephrology, Rochester, NY, 2Relypsa, Inc., Medical Affairs, Redwood City, CA, 3Purdue Univ, Nutrition Science, West Lafayette, IN, 4Relypsa, Inc., Biostatistics, Redwood City, CA, 5Denver Nephrologists, Clinical Research, Denver, CO, 6Univ Michigan, Medicine, Ann Arbor, MI.

SO009
LONG-TERM EFFICACY OF ORAL CALCIUM POLYSTYRENE SULFONATE FOR TREATING HYPERKALEMIA IN CKD PATIENTS
Gheun-Ho Kim1, Mi-Yeon Yu2, Joon-Sung Park1, Chang Hwa Lee1, Jee Hyun Yeo1, 1Hanyang Univ College Medicine, Internal Medicine, Seoul, KOREA, 2Seoul National Univ Hosp, Nephrology, Seoul, KOREA.

SO010
PATIROMER PROTECTED AGAINST RECURRENT HYPERKALEMIA FOR UP TO 52 WEEKS IN PATIENTS WITH DIABETIC KIDNEY DISEASE (DKD) RECEIVING COMBINED RAAS INHIBITOR THERAPY
Murray Epstein1, Martha Mayo2, Dahlia Garza3, Rezi Zawadzki4, Alain Romero3, Lance Berman3, Daniel Wilson3, George Bakris5, 1Univ Miami, Nephrology, Miami, FL, 2Relypsa, Inc., Medical Affairs, Redwood City, CA, 3Relypsa, Inc., Biostatistics, Redwood City, CA, 4Relypsa, Inc., Biostatistics, Redwood City, CA, 5Univ Chicago Medicine, Comprehensive Hypertension Center, Chicago, IL.

SO011
HYPOPOTASSEMIA IN ELDERLY PATIENTS
Simge Bardak1, Kenan Turgutalp1, Mahmut B. Koyuncu1, Mustafa Harl1, Didem Ovlo2, Mehmet Horoz3, Serap Demir1, Ahmet Klyklm1, 1Mersin Univ Fac Medicine, Dept Internal Medicine, Div Nephrology, Mersin, TURKEY, 2Mersin Univ, Dept Biostatistics, Mersin, TURKEY, 3Istanbul BahçeSehir Univ Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.
Scientific Programme

HALL A

10:45 - 11:30

Plenary Lecture 1

Chairs: Gert Mayer, Innsbruck, Austria
        Andrzej Więcek, Katowice, Poland

A *network-oriented view of living systems to complement the reductionist*
Andrew Kasarskis, New York, U.S.A.

HALL A

11:45 - 13:15

Symposium 6

**Late Breaking Clinical Trials**

Chairs: Rosanna Coppo, Turin, Italy
        Danilo Fliser, Homburg/Saar, Germany

The therapeutic evaluation of steroids in IgA nephropathy global (TESTING) study
Hong Zhang, Beijing, P.R. China

Effect of early versus delayed initiation of renal replacement therapy in critically ill patients with acute kidney injury: the ELAIN randomized clinical trial
Alexander Zarbock, Münster, Germany

Elbasvir/grazoprevir treatment of hepatitis c virus infection in patients with chronic kidney disease stage 4/5: clinical, virologic, and health-related quality of life outcomes in the C-SURFER study
Annette Bruchfeld, Stockholm, Sweden

Lipoprotein(a) - a double-edged sword in cardiovascular disease
Winfried Maerz, Mannheim, Germany

Marsupialized catheter with incremental dialysis dose, key to increased peritoneal dialysis prevalence in elderly
Hilary Riva, Mendrisio, Switzerland
Scientific Programme

HALL D 11:45-13:15

Symposium 7

Fluid management in the ICU

Chairs: Jeroen Kooman, Maastricht, The Netherlands
      Raymond Vanholder, Ghent, Belgium

Prevent the kidneys from drowning - How to assess fluid status in ICU patients
Jan T. Kielstein, Braunschweig, Germany

How to manage fluids in pediatric ICU patients?
Johan Vande Walle, Ghent, Belgium

In whom when which type of fluid: state of the art
Can Ince, Rotterdam, The Netherlands

Fluid overload at cardiac ICU: diuretics, slow ultrafiltration or peritoneal dialysis?
Jeroen Kooman, Maastricht, The Netherlands

HALL E 11:45-13:15

Symposium 8

Should PD as initial dialysis modality become the standard of care?

Chairs: Edwina Brown, London, United Kingdom
        Andreas Vychytil, Vienna, Austria

CKDopps: Optimal timing of dialysis initiation and modality selection
Roberto Pecoits-Filho, Curitiba, Brazil

PD as the first modality for urgent start of renal replacement therapy
James Heaf, Copenhagen, Denmark

How can residual renal function be preserved?
Sylvie Opatrná, Senec, Czech Republic

PDopps: Optimizing PD and reducing technique failure rate
Simon Davies, Stoke-On-Trent, United Kingdom
Symposium 9

**Uremic cardiomyopathy**

Chairs: **Kamyar Kalantar-Zadeh**, Irvine, U.S.A.  
**Roland E. Schmieder**, Erlangen, Germany

- Thick but weak: the pathophysiology of uremic cardiomyopathy  
  **Kerstin Amann**, Erlangen, Germany
- Non-invasive assessment of cardiac structure and function - what nephrologists must know  
  **Frank Flachskampf**, Uppsala, Sweden
- Clinical consequences: cardiac arrhythmia and SCD  
  **Philip A. Kalra**, Salford, United Kingdom
- Future perspectives in the treatment of uremic cardiomyopathy  
  **Marc Vervloet**, Amsterdam, The Netherlands

Symposium 10

**Actualities in hereditary disorders**

Chairs: **Nine V.A.M. Knoers**, Utrecht, The Netherlands  
**Moin Saleem**, Bristol, United Kingdom

- ADPKD in children: new perspectives  
  **Francesco Emma**, Rome, Italy
- Genetic testing for rare disorders: practical steps  
  **Nine V.A.M. Knoers**, Utrecht, The Netherlands
- Inherited tubulopathies  
  **Olivier Devuyst**, Zurich, Switzerland
- Ciliopathies and cystic disorders  
  **Carsten Bergmann**, Ingelheim Am Rhein, Germany
FREE COMMUNICATIONS

SO012  PREGNANCY OUTCOMES IN RENAL TRANSPLANT RECIPIENTS IN ENGLAND OVER 15 YEARS
Nadia Sarween1, Sian Hughes2, Felicity Evison2, Clara Day1, Ellen Knox3, Graham Lipkin1, 1Univ Hosp
Birmingham, Renal Medicine, Birmingham, UK, 2Univ Hosp Birmingham, Health Informatics, Birming-
ham, UK, 3Birmingham Women’s Hosp, Dept Obstetrics, Birmingham, UK.

SO013  REMOTE ISCHAEMIC CONDITIONING ON RECIPIENTS OF DECEASED RENAL TRANSPLANTS
DOES NOT IMPROVE EARLY GRAFT FUNCTION. A MULTICENTRE, RANDOMISED, CONTROL-
LED CLINICAL TRIAL.
Nicoline V. Krogstrup1, Mihai Oltean2, Gertrude J. Nieuwenhuijs-Moeke3, Frank J. M. F. Dor4, Ulla
Møldrup5, Søren P. Kragh6, Bo M. Bibby7, Henrik Birn1, Bente Jespersen1, 1Aarhus Univ Hosp, Re-
nal Medicine, Aarhus, DENMARK, 2Sahlgrenska Univ Hosp, Transplant Inst, Gothenburg, SWEDEN,
3Univ Medical Center, Anaesthesiology, Groningen, NETHERLANDS, 4Univ Medical Center, Div HPB
& Transplant Surgery, Rotterdam, NETHERLANDS, 5Aarhus Univ Hosp, Urology, Aarhus, DENMARK,
6Aarhus Univ Hosp, Pathology, Aarhus, DENMARK, 7Aarhus Univ, Biostatistics, Aarhus, DENMARK.

SO014  THE PRESENCE OF CMV-SPECIFIC T-CELLS IN CMV-SERONEGATIVE KIDNEY TRANSPLANT RE-
CIPIENTS PREDICTS OUTCOME AFTER KIDNEY TRANSPLANTATION
Thomas Schachtner1,2, Maik Stein2, Petra Reinke1,2, 1Charité Univ Medicine Berlin, Nephrology and
Internal Intensive Care, Berlin, GERMANY, 2Charité Univ Medicine Berlin, Berlin-Brandenburg Center
Regenerative Therapies, Berlin, GERMANY.

SO015  KDPI DEPENDENT OUTCOMES AND DISCARD RATES - A COMPARISON OF EUROPEAN AND
U.S. RESULTS
Lukas J. Lehner, Anna Kleinsteuber, Dmytro Khadzhynov, Fabian Halleck, Eva Schrezenmeier, Michael
Duerr, Klemens Budde, Oliver Staeck, Charite Universitaetsmedizin Berlin, Dept. Nephrology Campus
Charité Mitte, Berlin, GERMANY.

SO016  INFLAMMATION IN EARLY KIDNEY ALLOGRAFT SURVEILLANCE BIOPSIES WITH AND WI-
THOUT ASSOCIATED TUBULO-INTERSTITIAL CHRONIC DAMAGE AS A PREDICTOR OF FIBRO-
SIS PROGRESSION AND DEVELOPMENT OF DE NOVO DONOR SPECIFIC ANTIBODIES
Clara Garcia-Carro1, Christina Dörje2, Anders Åsberg2, Karsten Midvedt2, Hallvard Holdaas2, Helge
Scott3, Finn P. Reinholdt3, Daniel Sørøn1, Anna V. Reiseter2, 1Hosp Vall d’Hebron, Nephrology, Barce-
lona, SPAIN, 2Oslo Univ Hosp, RiksHosp, Transplant Medicine, Oslo, NORWAY, 3Oslo Univ Hosp,
RiksHosp, Pathology, Oslo, NORWAY.
SO017
DISORDERED SLEEP BREATHING IS THE MAJOR DETERMINANT OF NON-DIPPING AND NOCTURNAL HYPERTENSION IN TRANSPLANT PATIENTS
Francesca Mallamaci, Rocco Tripepi, Maria Carmela Versace, Fabio Provenzano, Angela Mafica, Claudia Torino, Graziella D’Arrigo, Daniela Leonardis, Giovanni Tripepi, Carmine Zoccali, CNR, CNR-IFC and Nephrol Dial Transplant Unit, Reggio Calabria, ITALY.
Scientific Programme

HALL G 11:45 - 13:15

Free Communication Session 4 + Mini Lecture

Diabetes basic

Chairs: Avry Chagnac, Petah Tikva, Israel
Peter Rossing, Gentofte, Denmark

Mini lecture
Clinical studies that target inflammation in diabetic nephropathy
Peter Rossing, Gentofte, Denmark

FREE COMMUNICATIONS

SO018  ★
EFFECTS OF GLP-1 ON METABOLIC KIDNEY AND HEART DISEASE
Barbara M. Klinkhammer1, Julia Möllmann2, Robert Stöhr2, Corinna Lebherz2, Niko Marx2, Michael Lehrke2, Peter Boor1, 1RWTH Aachen Univ, Inst Pathology, Aachen, GERMANY, 2RWTH Aachen Univ, Dept Cardiology, Aachen, GERMANY.

SO019
RENAL AUTONOMIC NERVES ARE RESPONSIBLE FOR BODY WEIGHT REDUCTION BY TOFOGLIFLOZIN
Hagiwara Aika, Keio Univ, Dept Nephrology, Endocrinology and Metabolism, Tokyo, JAPAN.

SO020
ELEVATED SERUM PLATELET MICROPARTICLES CONTRIBUTE TO AORTA ENDOTHELIAL INJURY: A POTENTIAL NEW MECHANISM FOR ATHEROSCLEROSIS IN DIABETES
Gui Hua Wang, Kun Ling Ma, Yang Zhang, Jian Lu, Ze Bo Hu, Liang Liu, Pei Pei Chen, Bi Cheng Liu, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Nan Jing City, CHINA.

SO022
PBI-4425, A NOVEL ANTI-INFLAMMATORY/FIBROTIC COMPOUND, IMPROVES KIDNEY FUNCTION AND GLOMERULAR INTEGRITY IN THE DIABETIC DB/DB MOUSE MODEL
Free Communication Session 5 + Mini Lectures

CKD physiopathology

Chairs: Angel Argiles, Montpellier, France
        Ivan Rychlik, Prague, Czech Republic

Mini lecture
Potential anti-ageing interventions in CKD
Peter Stenvinkel, Stockholm, Sweden

FREE COMMUNICATIONS

SO023
ASSOCIATIONS OF 15-YEAR AVERAGE POTASSIUM INTAKE WITH LONG TERM RENAL OUTCOME IN THE OUTPATIENT CLINICAL SETTING
N. D. van Noordenne1, R. H. G. Olde Engberink1, T. C. van den Hoek1, B. J. H. van den Born2, L. Vogt1,
1Academic Medical Center, Nephrology, Amsterdam, NETHERLANDS, 2Academic Medical Center, Vascular Medicine, Amsterdam, NETHERLANDS.

SO024
CIRCULATING ANGIOTENSIN CONVERTING ENZYME 2 ACTIVITY AS A BIOMARKER OF Atherosclerosis PROGRESSION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Lidia Anguiano1, Marta Riera1, Julio Pascual1, José Manuel Valdivielso2, Clara Barrios1, Àngels Betriu2,
Sergi Clotet1, Sergi Moja1, Elvira Fernández2, Maria José Soler1, 1Hosp del Mar-Inst Hosp del Mar Investigacions Mèdiques, Dept Nephrology, Barcelona, SPAIN, 2Hosp Arnau de Vilanova, Dept Nephrology, Lleida, SPAIN, 3Inst Hosp del Mar Investigacions Mèdiques, Scientific Services, Barcelona, SPAIN.

SO025
REDUCTION OF CORTICAL OXYGENATION IN CHRONIC KIDNEY DISEASE: EVIDENCE OBTAINED WITH BOLD-MRI AND A NEW ANALYTIC TECHNIQUE
Bastien Milanil1, Annalisa Ansaloni2, Sofia Guimaraes1, Maciej Piskunowicz3, Bruno Vogt4, Matthias Stuber5, Michel Burnier1, Menno Pruimj4, 1Univ Hosp Lausanne, Nephrology and Hypertension, Lausanne, SWITZERLAND, 2Univ Hosp Lausanne, Nephrology and Hypertension, Lausanne, SWITZERLAND, 3Medical Univ Gdansk, Radiology, Gdansk, POLAND, 4Inselspital, Nephrology, Bern, SWITZERLAND, 5Univ Hosp Lausanne, Radiology, Lausanne, SWITZERLAND, 6Univ Hosp Lausanne (CHUV), Nephrology, Lausanne, SWITZERLAND.

Mini lecture
Uremic toxins - how far did we come in 2016?
Angel Argiles, Montpellier, France
Scientific Programme

HALL A

Symposium 11

ASN Highlights

Chairs: Brad Rovin, Columbus, U.S.A.  
Vladimir Tesar, Prague, Czech Republic

Glomerular diseases
Brad Rovin, Columbus, U.S.A.

Transplantation
John Friedewald, Chicago, U.S.A.

ESRD
Charmaine Lok, Toronto, Canada

HALL D

Symposium 12

The Lancet/The Lancet Diabetes and Endocrinology

Chairs: Philippa Berman, London, United Kingdom  
Denis Fouque, Lyon, France  
Heather Van Epps, London, United Kingdom

Prevention, diagnosis and management of post-transplant diabetes
Adnan Sharif, Birmingham, United Kingdom

The heart and vascular system in dialysis
Christoph Wanner, Würzburg, Germany

Controversies and problems of volume control and hypertension in hemodialysis
Ercan Ok, Izmir, Turkey

One more presentation to be announced - check updates online at www.era-edta2016.org or using the congress app.
Symposium 13

**Lingering issues in kidney transplantation**

Chairs: Josep M. Grinyó, Barcelona, Spain
        Umberto Maggiore, Parma, Italy

Pre-emptive kidney re-transplantation - If yes, when and for whom?
Maria Alicja Debska-Slizien, Gdansk, Poland

Immune surveillance after kidney transplantation
Martina Sester, Homburg/Saar, Germany

How to diminish the long-term renal allograft loss?
Marian Klinger, Wroclaw, Poland

**FREE COMMUNICATIONS**

SO026
FSGS POST-TRANSPLANT RECURRENCE: IDENTIFICATION OF A PUTATIVE PERMEABILITY FACTOR
Mario Ollero1, Carole Hénique1, Cerina Chhuon2, Kélhia Sendeyo1, Shao-Yu Zhang1, Ida Chiara Guerreiro2, Djillali Sahali1, 1INSERM, U955 (team 21), Créteil, FRANCE, 2INSERM, Plateau Proteomes Necker, Paris, FRANCE.

SO027
IMPROVING THE PREDICTION OF EARLY ANTIBODY MEDIATED REJECTION IN HLA INCOMPATIBLE KIDNEY TRANSPLANTATION
Jorge Malheiro1, Ana Castro2, Sandra Tafulo3, Leonidio Dias2, La Salete Martins2, Idalina Beirão2, António Castro-Henriques2, 1CHPorto, Nephrology Unit, Porto, PORTUGAL, 2CHP, Nephrology, Porto, PORTUGAL, 3CSTP, HLA Lab, Porto, PORTUGAL.
Symposium 14

*Dialysis and transplantation in children*

Chairs: Christophe Aufricht, Vienna, Austria
Franz Schaefer, Heidelberg, Germany

Optimising BP control in CKD and dialysis patients
**Fabio Paglialonga**, Milan, Italy

What have we learnt from peritoneal membrane biopsies: bench to bedside
**Claus Peter Schmitt**, Heidelberg, Germany

CKD-MBD in children: is bone disease the heart of the problem?
**Rukshana Shroff**, London, United Kingdom

Corticosteroid-free kidney transplantation
**Ryszard Grenda**, Warsaw, Poland
HALL B

Free Communication Session 6 + Mini Lecture

CKD-MBD

Chairs: Ana Carina Ferreira, Lisbon, Portugal
Michal Nowicki, Lodz, Poland

Mini lecture
The emerging role for bone alkaline phosphatase isoforms in chronic kidney disease - mineral and bone disorder
Mathias Haarhaus, Stockholm, Sweden

FREE COMMUNICATIONS

SO028
CALCITRIOL SUPPLEMENTATION INCREASES VON WILLEBRAND FACTOR LEVELS, FIBROBLAST GROWTH FACTOR-23 LEVELS, AND VASCULAR CALCIFICATION SEVERITY IN EXPERIMENTAL CHRONIC KIDNEY DISEASE
Cynthia M. Pruss1, Bruno Svaiger1, Jason G. E. Zelt1, Kimberly Laverty1, Emilie C. Ward1, Rachel M. Holden2, Michael A. Adams1, 1Queen’s Univ, Biomedical and Molecular Sciences, Kingston, ON, CANADA, 2Queen’s Univ, Medicine, Kingston, ON, CANADA.

SO029
A PHASE 1B/2A RANDOMISED, PLACEBO-CONTROLLED CLINICAL TRIAL WITH SNF472 IN HAEMODIALYSIS PATIENTS
Carolina Salcedo1, Joan Perello1,2, Raquel Ojeda3, Pieter H. Joubert1, Marta Arias1, Ana Z. Canals1, Miguel D. Ferrer1, Vicens Torregrosa3, Josep M. Campistol1, Francesc Maduell3, Laboratoris Sanifit, R&D, Palma, SPAIN, 2Univ Balearic Islands, Lab Renal Lithiasis, Palma, SPAIN, 3Hosp Clinic, Nephrology & Renal Transplantation, Barcelona, SPAIN.

SO030
ONE YEAR EFFICACY AND SAFETY OF INTRAVENOUS (IV) ETELCALCETIDE (AMG 416) IN PATIENTS ON HEMODIALYSIS (HD) WITH SECONDARY HYPERPARATHYROIDISM (SHPT)
David A. Bushinsky1, Geoffrey A. Block2, Sunfa Cheng3, Hongjie Deng4, Pablo Ureña Torres5, Maric Vervloet6, Glenn M. Chertow7, 1Univ Rochester, Nephrology, Rochester, NY, 2Denver Nephrology, Clinical Research, Denver, CO, 3Amgen, Nephrology, Thousand Oaks, CA, 4Amgen, Biostatistical Science, Thousand Oaks, CA, 5Clineique Landy, Serv Nephrologie-Dialyse, Saint Ouen, FRANCE, 6VU Univ Medical Center, Nephrology, Amsterdam, NETHERLANDS, 7Stanford Univ, Nephrology, Palo Alto, CA.

SO031
ASSOCIATIONS OF SINGLE NUCLEOTIDE POLYMORPHISM OF THE CALCIUM-SENSING RECEPTOR GENE (CASR RS7652589) WITH NEPHROLITHIASIS AND SECONDARY HYPERPARATHYROIDISM IN HEMODIALYSIS PATIENTS
Alicja Grzegorzewska1, Mateusz Paciorkowski2, Adrianna Mostowska3, Wojciech Warchoł4, Paweł Jagodziński5, 1Poznan Univ Medical Sciences (PUMS), Dept Nephrology, Transplantology and Internal Diseases, Poznan, POLAND, 2Pleszew Medical Center, Dept Internal Diseases, Pleszew, POLAND, 3PUMS, Dept Biochemistry and Molecular Biology, Poznan, PO, 4PUMS, Dept Biophysics, Poznan, PO, 5PUMS, Dept Biochemistry and Molecular Biology, Poznan, PO.
SO032
BONE AND MINERAL STATUS ONE YEAR AFTER RENAL TRANSPLANTATION
Pieter Evenepoel1, Geert J. S. Behets2, Liesbeth Viaene3, Patrick C. D’Haese2. 1Catholic Univ Leuven, Nephrology, Leuven, BELGIUM, 2Univ Antwerp, Lab Pathophysiology, Wilrijk, BELGIUM, 3Catholic Univ Leuven, Nephrology, Leuven, BELGIUM.
Scientific Programme

HALL C  15:15 - 16:45

Free Communication Session 7

Anaemia management

Chairs: Adrian Covic, Iasi, Romania
Iain C. Macdougall, London, United Kingdom

FREE COMMUNICATIONS

SO033
INTERIM ANALYSIS RESULTS FROM A PHASE 2 STUDY OF SOTATERCEPT ADMINISTERED INTRAVENOUSLY OR SUBCUTANEOUSLY FOR THE EVALUATION OF PHARMACOKINETICS, SAFETY, AND MAINTENANCE OF HEMOGLOBIN IN HEMODIALYSIS SUBJECTS
Frank Dellanna1, Kathleen Claes2, Idalécio Bernardo3, Nianhang Chen4, William T. Smith4, Hem Na-lini Singh4, 1MVZ DaVita Karlstraße GmbH, Nephrology, Düsseldorf, GERMANY, 2Univ Hosps, Dept Nephrology, Leuven, BELGIUM, 3NephroCare Portimão, Dialysis Unit, Portimão, PORTUGAL, 4Celgene Corporation, Clinical Research & Development, Summit, NJ.

SO034
ASSOCIATION BETWEEN SERUM FERRITIN AND MORTALITY: US AND EURODOPPS FINDINGS
Angelo Karaboyas1, Jarcy Zee1, Hal Morgenstern2, Raymond Vanholder3, Stefan Jacobson4, Ronald Pisoni1, Friedrich Port1, Bruce Robinson1,5, 1Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2Univ Michigan, Epidemiology, Ann Arbor, MI, 3Univ Hosp, Nephrology, Gent, BELGIUM, 4Karolinska Inst, Danderyd Hosp, Div Nephrology, Stockholm, SWEDEN, 5Univ Michigan, Internal Medicine, Ann Arbor, MI.

SO035
THE SAFETY OF INTRAVENOUS (IV) FERRIC CARBOXYMALTOSE (FCM) IN PATIENTS WITH NON-DIALYSIS DEPENDENT CKD (ND-CKD): 1-YEAR RESULTS FROM THE FIND-CKD TRIAL
Simon Roger1, Andreas H. Bock2, Fernando Carrera3, Kai-Uwe Eckardt4, Carlo A. Gaillard5, David B. Van Wyck6, Yvonne Meier7, Sylvain Larroque7, Iain C. Macdougall8, 1Renal Research, Dept Nephrology, Gosford, AUSTRALIA, 2Kantonspsital, Dept Nephrology, Aarau, SWITZERLAND, 3Eurodial, Dialysis Unit, Leiria, PORTUGAL, 4Univ Erlangen-Nuremberg, Dept Nephrology, Erlangen, GERMANY, 5Univ Groningen, Dept Nephrology, Groningen, NETHERLANDS, 6Davita Healthcare Partners, Clinical Support Services, Denver, CO, 7Vifor Pharma Ltd, Medical Dept, Glattbrugg, SWITZERLAND, 8King’s Col-lege Hosp, Dept Renal Medicine, London, UK.

SO036
MOLIDUSTAT INCREASES HEMOGLOBIN IN ERYTHROPOIESIS STIMULATING AGENTS (ESA)-NAIVE ANAEMIC PATIENTS WITH CHRONIC KIDNEY DISEASE NOT ON DIALYSIS (CKD-ND)
Iain C. Macdougall1, Tadao Akizawa2, Jeffrey Berns3, Silvia Lentini4, Thomas Bernhardt5, 1King’s Col-lege Hosp, Renal Medicine, London, UK, 2Showa Univ School Medicine, Div Nephrology, Tokyo, JAPAN, 3Univ Pennsylvania, Nephrology, Philadelphia, PA, 4Bayer AG, HealthCare, Wuppertal, GERMANY, 5Bayer AG, HealthCare, Berlin, GERMANY.
SO037
ANEMIA PREVALENCE AND TREATMENT AMONG PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE 3-5: DATA FROM THE CHRONIC KIDNEY DISEASE OUTCOMES AND PRACTICE PATTERNS STUDY (CKDOPPS)
Michelle M. Y. Wong1, Charlotte Tu1, Lindsay Zepel1, Christian Combe2,3, Antonio A. Lopes4, Roberto Pecoits-Filho5, Ronald L. Pisoni1, Friedrich K. Port1, Helmut Reichel6, Bruce M. Robinson1, Ziad A. Massy7,8, on behalf of CKDopps and CKD REIN investigators, 1Arbor Research Collaborative for Health, DOPPS Program, Ann Arbor, MI, 2Centre Hosp Univ Bordeaux, Dept Nephrology Transplantation Dialysis, Bordeaux, FRANCE, 3Univ Bordeaux, Inserm U1026, Bordeaux, FRANCE, 4Federal Univ Bahia, Dept Medicine, Salvador, BRAZIL, 5Pontifícia Univ Católica do Paraná, School Medicine, Curitiba, BRAZIL, 6Nephrological Center Villingen-Schwenningen, Nephrology, Villingen-Schwenningen, GERMANY, 7Ambroise Paré Univ Hosp, Nephrology, APHP, Paris, FRANCE, 8CESP, UVSQ, Inserm U1018, Villejuif, FRANCE.

SO038
NEW NICE GUIDANCE: TESTS FOR IRON DEFICIENCY - FRIEND OR FOE?
C Brown, K Brown, D Jackson, B Jones, T Scale, R Ashcroft, O Brooks, A Mikhail, ABM Univ Health Board, Renal Dept, Swansea, UK.
**Critical care nephrology**

Chairs: Norbert Lameire, Ghent, Belgium
Enisa Mesic, Tuzla, Bosnia and Herzegovina

**Mini lecture**
Management of hyponatremia - what do the guidelines say?
Goce Spasovski, Skopje, F.Y.R. of Macedonia

**FREE COMMUNICATIONS**

**SO039**
DIALYSIS WITH HCO MEMBRANE IN COMBINATION WITH POTENT CHEMOTHERAPY INCREASES THE PROBABILITY FOR RENAL RECOVERY AND BETTER SURVIVAL IN PATIENTS WITH ACUTE RENAL FAILURE DUE TO MYELOMA KIDNEY - DATA FROM CZECH REPUBLIC
Romana Rysava1, Jana Lachmanová1, Jiří Orság2, Martin Havrda3, Lukáš Kielberger4, Vladimír Tesar1, 1Charles Univ Prague, First Fac Medicine, Nephrology, Prague, CZECH REPUBLIC, 2Palacký Univ Olomouc, Third Medical Dept, Olomouc, CZECH REPUBLIC, 3Charles Univ Prague, Third Fac Medicine, First Dept Medicine, Prague, CZECH REPUBLIC, 4Charles Univ, Medical Faculty Pilsner, First Dept Medicine, Pilsner, CZECH REPUBLIC.

**SO040**
A SIMPLE CARE BUNDLE FOR USE IN ACUTE KIDNEY INJURY - A PROPENSITY SCORE MATCHED STUDY
Nitin Kolhe1, Timothy Reilly2, Janson C. H. Leung3, Kirtsy Swinscoe3, Richard J. Fluck3, Nicholas M. Selby3, Maarten W. Taal3, 1Royal Derby Hosp, Renal Medicine, Derby, UK, 2Royal Derby Hosp, Dept Information, Management and Technology, Derby, UK, 3Royal Derby Hosp, Dept Renal Medicine, Derby, UK.

**SO041**
INCIDENCE AND MORTALITY OF PATIENTS WITH ACUTE KIDNEY INJURY IN HOSPISED PATIENTS USING THE NHS ENGLAND AKI ALGORITHM
Mustakim Khandaker1, Lamis Tahai1, Charlotte Fairclough2, Shahed Ahmed1, 1Royal Liverpool Univ Hosp, Nephrology, Liverpool, UK, 2Royal Liverpool Univ Hosp, Clinical Chemistry, Liverpool, UK.

**SO042**
COMPARISON OF REGIONAL VARIATION IN ACUTE KIDNEY INJURY REQUIRING DIALYSIS IN ENGLAND FROM 2000 TO 2015 - POPULATION BASED COHORT STUDY OF NATIONAL REGISTRY
Nitin V. Kolhe1, Andrew Muirhead2, Maarten W. Taal3, 1Royal Derby Hosp, Renal Medicine, Derby, UK, 2Derby City Council, Public Health, Derby, UK, 3Royal Derby Hosp, Dept Renal Medicine, Derby, UK.

**SO043**
INFLUENCE OF CHRONIC KIDNEY DISEASE IN THE ACUTE KIDNEY INJURY PROGNOSIS IN HOSPISED PATIENTS. DETECT-H PROJECT.
Silvia Gonzalez Sanchidrian, Pedro Jesus Labrador Gomez, Jesus Pedro Marin Alvarez, Maria Del Carmen Jiménez Herrera, Elena Davín Carrero, Santiago Polanco Candelario, Laura Piquero Calleja, Sandra Gallego Dominguez, Ines Castellano Cerviño, Juan Ramon Gomez-Martino Arroyo, San Pedro De Alcantara Hosp, Nephrology, Caceres, SPAIN.
**Scientific Programme**

**HALL K**

**15:15 - 16:45**

**Free Communication Session 9 + Mini Lecture**

**Dialysis epidemiology**

Chairs: Peter Barany, Stockholm, Sweden
Miklos Zsolt Molnar, Memphis, U.S.A.

**Mini lecture**
Guidelines in nephrology: what was expected? What was achieved?
Garabed Eknoyan, Houston, U.S.A.

**FREE COMMUNICATIONS**

**SO044**
PREDICTION MODELS FOR THE MORTALITY RISK IN CHRONIC DIALYSIS PATIENTS: A SYSTEMATIC REVIEW AND INDEPENDENT EXTERNAL VALIDATION STUDY.
Chava L. Ramspek1, Pauline W. M. Voskamp1, Raymond T. Krediet2, Friedo W. Dekker1, Merel van Diepen1, 1Leiden Univ Medical Center, Clinical Epidemiology, Leiden, NETHERLANDS, 2Academic Medical Center, Nephrology, Amsterdam, NETHERLANDS.

**SO045**
A NATIONWIDE SURVEY ON RADIATION RISK OF CANCER FROM MEDICAL IMAGING IN END STAGE KIDNEY DISEASE AND IN TRANSPLANT PATIENTS
Domenico Lizio1, Marco Brambilla1, Andrea De Mauri2, Carmela Marino3, Carmine Zoccali3, Maurizio Postorino4, On Behalf of the MIRA-ESRD study Workgroup, 1Univ Hosp Novara, Medical Physics Dept, Novara, ITALY, 2Univ Hosp Novara, Nephrology, Novara, ITALY, 3National Research Council, Clinical Physiology Inst, Reggio Calabria, ITALY, 4Azienda Osp Reggio Calabria, Nephrology, Reggio Calabria, ITALY.

**SO046**
EFFECT OF GLOMERULAR FILTRATION RATE AT DIALYSIS INITIATION ON SURVIVAL IN PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE - TAKING ACCOUNT OF LEAD-TIME BIAS
Cynthia J. Janmaat1, Merel van Diepen1, Raymond T. Krediet2, Marc H. Hemmelder3, Friedo W. Dekker1, 1Leiden Univ Medical Center, Dept Clinical Epidemiology, Leiden, NETHERLANDS, 2Academic Medical Center, Dept Nephrology, Amsterdam, NETHERLANDS, 3Medical Center Leeuwarden, Dept Internal Medicine, Leeuwarden, NETHERLANDS.

**SO047**
IMPROVED SURVIVAL WITH CONVERSION FROM NON FUNCTIONAL TO FUNCTIONAL ARTERIOVENOUS FISTULA AFTER HEMODIALYSIS INITIATION - FINDINGS FROM THE FRENCH REIN REGISTRY
Natalia Alencar de Pinho1,2, Raphael Coscas1,3, Marie Metzger1,2, Christian Jacquelin4, Ziad A. Massy1,2,5, Bénédicte Stengel1,2, 1INSERM UMR 1018, CESP, Team 5, Villejuif, FRANCE, 2Paris Saclay Univ, Paris-Sud Univ, Versailles St-Quentin Univ, Villejuif, FRANCE, 3Ambroise-Paré Univ Hosp, AP-HP, Vascular Surgery Unit, Boulogne-Billancourt, FRANCE, 4Biomedicine Agency, Scientific Council, La Plaine St Denis, FRANCE, 5Ambroise-Paré Univ Hosp, Nephrology Unit, Boulogne-Billancourt, FRANCE.
SO048
ASSOCIATION OF PRE-DIALYSIS MEDICATION ADHERENCE IN PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE WITH MORTALITY AFTER TRANSITION TO DIALYSIS
Miklos Z. Molnar1, Elvira O. Gosmanova1, Keiichi Sumida1, Praveen K. Potukuchi1, Jun L. Lu1, Jennie Jing2, Vanessa A. Ravel2, Melissa Soohoo2, Connie M. Rhee2, Elani Streja2, Kamyar Kalantar-Zadeh2, Csaba P. Kovesdy1, 1Univ Tennessee Health Science Center, Div Nephrology, Dept Medicine, Memphis, TN, 2Univ California-Irvine, Medicine, Nephrology, Orange, CA.
Scientific Programme

HALL A

17:00-18:30

Symposium 15

Joint symposium ERA-EDTA & ESC (European Society of Cardiology)

Chairs: Alberto Ortiz, Madrid, Spain
Josep Redon, Valencia, Spain

Cardiac function in CKD patients: how valuable are ECHO and biomarkers?
Carmine Zoccali, Reggio Calabria, Italy

Pathophysiology of hypertension in chronic kidney disease
Michel Burnier, Lausanne, Switzerland

Uncontrolled hypertension - how to prevent unfavourable kidney outcome
Andrzej Więcek, Katowice, Poland

How low should blood pressure be lowered to protect the kidney in chronic kidney disease
Josep Redon, Valencia, Spain

HALL D

17:00-18:30

Symposium 16

Nutrition in CKD patients

Chairs: Wilfred Druml, Vienna, Austria
Daniel Teta, Lausanne, Switzerland

Metabolic and clinical rationale for enteral support
Denis Fouque, Lyon, France

Clinical trials update in CKD patients (including HD)
Wilfred Druml, Vienna, Austria

Should enteral support be identical in HD and PD?
Pieter M. ter Wee, Amsterdam, The Netherlands

Low calorie diet in obese patients with CKD
Fitsum Guebre-Egziabher, Grenoble, France
Symposium 17

**Immunology and the kidney**

**Chairs:** Kerstin Amann, Erlangen, Germany
Alexander Rosenkranz, Graz, Austria

- NETs, histones and necroinflammation in kidney disease
  Hans-Joachim Anders, Munich, Germany

- T cells in glomerulonephritis
  Kathrin Eller, Graz, Austria

- Kidney dendritic cells in acute and chronic renal disease
  Christian Kurts, Bonn, Germany

- Intracellular signals as druggable targets in renal inflammation
  Jesus Egido, Madrid, Spain

Symposium 18

**Bone, calcium and PTH in CKD**

**Chairs:** Josef Kovarik, Vienna, Austria
Marc Vervloet, Amsterdam, The Netherlands

- The rapidly exchangeable calcium pool in hemodialysis patients
  Markus Pirklbauer, Innsbruck, Austria

- Clinical evaluation of bone: what makes sense?
  Daniel Cejka, Vienna, Austria

- What prophylaxis and therapy is really useful?
  Sylvie Dusilova Sulkova, Hradec Kralove, Czech Republic

- Uremic toxins and CKD-MBD
  Ziad Massy, Paris, France
Scientific Programme

HALL B       17:00-18:30

Symposium 19

Special situations with need for nephrology advice

Chairs: George Reusz, Budapest, Hungary
        Nicholas Selby, Derby, United Kingdom

Prevention and management of AKI in the general ward: the UK experience
Nicholas Selby, Derby, United Kingdom

How and when (not) to dialyse the frail and elderly with AKI
Wim Van Biesen, Ghent, Belgium

Pharmacokinetics of drugs in AKI and during RRT: what we should know?
Jan T. Kielstein, Braunschweig, Germany

FREE COMMUNICATIONS

SO049
HOW SHOULD DIURETIC RESISTANCE BE BEST DEFINED IN ACUTE DECOMPENSATED HEART FAILURE?
Pablo Klin1, Luis M. Gutierrez2, Carola Zambrano1, Andres Granja1, Casandra L. Godoy1, Federico Zeppa1, Andres Bilbao1, Francisco Klein3, Pablo Raffaele2, 1Favaloro Foundation, Intensive Care Telemetric Unit, Buenos Aires, ARGENTINA, 2Favaloro Foundation, NEPHROLOGY, DIALYSIS AND TRANSPLANTATION, Buenos Aires, ARGENTINA, 3Favaloro Foundation, Intensive Care Unit., Buenos Aires, ARGENTINA.

SO050
LONG-TERM FOLLOW-UP STUDY OF ECULIZUMAB FOR PREVENTION OF THROMBOTIC MICROANGIOPATHY IN PATIENTS WITH ATYPICAL HEMOLYTIC UREMATIC SYNDROME
Jan Menne1, Yahsou Delmas2, Fadi Fakhouri3, John F. Kincaid4, Christoph Licht5, Enrico E. Minetti6, Chris Mix7, Francois Provost8, Eric Rondeau9, Neil Sheerin10, Jimmy Wang11, Laurent E. Weckers12, Larry A. Greenbaum13, 1Medical School Hannover, Dept Nephrology and Hypertension, Hannover, GERMANY, 2CHU Bordeaux, Dept Nephrology, Bordeaux, FRANCE, 3CHU Nantes, Dept Nephrology and UMR 643, Nantes, FRANCE, 4Alexion Pharmaceuticals, Inc, Global Medical Affairs, Cheshire, CT, 5Hosp Sick Children, Div Nephrology and Program in Cell Biology, Toronto, ON, CANADA, 6Careggi Univ Hosp, Div Nephrology, Florence, ITALY, 7Alexion Pharmaceuticals, Inc, Global Medical Sciences, Cheshire, CT, 8CHU Lille, Dept Nephrology, Lille, FRANCE, 9Hop Tenon and Univ Paris VI, Urgences Nerophrologiques et Transplantation Renale, Paris, FRANCE, 10Newcastle Univ, Dept Nephrology, Newcastle upon Tyne, UK, 11Alexion Pharmaceuticals, Inc, Biostatistics, Cheshire, CT, 12CHU Liege, Service Nephrology, Dialysis and Transplantation, Liege, BELGIUM, 13Emory Univ and Children’s Healthcare of Atlanta, Dept Pediatrics, Atlanta, GA.
Cystic diseases experimental

Chairs: Carsten Bergmann, Ingelheim Am Rhein, Germany
       Francesco Emma, Rome, Italy

FREE COMMUNICATIONS

SO051
URINE PEPTIDE MARKERS PREDICTS ESRD RISK IN ADPKD AND REVEAL PROTEOLYTIC PATHWAYS INVOLVED IN PROGRESSION
Martin Pejchinovski1,2, Justyna Siwy1, Jochen Metzger1, Harald Mischak1,3, Vera Jankowski4, Arlene B. Chapman5, Andreas D. Kistler5, 1Mosaiques Diagnostics GmbH, Clinical Proteomics, Hannover, GERMANY, 2Charite-Universitätsmedizin, Proteomics, Berlin, GERMANY, 3Univ Glasgow, BHF Glasgow Cardiovascular Research Centre, Glasgow, UK, 4Universitätsklinikum RWTH Aachen, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 5Univ Chicago, Dept Medicine, Chicago, IL, 6Cantonal Hosp Frauenfeld, Dept Internal Medicine, Renal Unit, Frauenfeld, SWITZERLAND.

SO052
DEVELOPMENT OF A RAPID SEMI-AUTOMATED TOOL TO MEASURE TOTAL KIDNEY VOLUME IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Roslyn J. Simms1,2, Desmond Ryan1, Peter Metherall3, Peter Wright3, Nicolas Gruel4, Wendy Tindale3, Albert C. M. Ong1,2, 1Univ Sheffield, Academic Nephrology Unit, Sheffield, UK, 2Sheffield Teaching Hosps NHS Foundation Trust, Sheffield Kidney Inst, Sheffield, UK, 3Sheffield Teaching Hosps NHS Foundation Trust, Medical Imaging Medical Physics, Sheffield, UK, 4Univ Sheffield, INSIGNEO and Physics and Astronomy, Sheffield, UK.

SO053
SELECTIVE PROSTAGLANDIN E2 RECEPTOR BLOCKADE FOR THE TREATMENT OF AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Morgane Lannoy, Fatima Abdela-ali, Andrew J. Streets, Albert C. M. Ong, Univ Sheffield Medical School, Academic Nephrology Unit, Sheffield, UK.

SO054
CYTOKINE TWEAK AS AN INTERMEDIARY IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD)
Olaya Lamas-Gonzalez1, Ana B. Sanz2, M Dolores Sanchez-Niño2, Ana Barcia de la Iglesia1, Adrian Cordido Eij1, Patricia Viana03, Alberto Ortiz2, Miguel A. Garcia-Gonzalez1, 1Health Research Inst Santiago (IDIS), Group of Genetics and Developmental Biology of Renal diseases, Santiago de Compostela, SPAIN, 2IIS-Fundacion Jimenez Diaz, Lab Nephrology, Madrid, SPAIN, 3Clinical Univ Hosp Santiago (CHUS), Pathology Service, Santiago de Compostela, SPAIN.

SO055
N-ACETYLCYSTEINE IMPROVES SURVIVAL, RENAL AND CARDIAC PHENOTYPES IN Pkd1-DEFICIENT CYSTIC MICE
Zenaide P. Moyses1, Ana P. Bastos1, Bruno E. Balbo1, Margoth R. Garnica1, Vera M. Curi-Salemi2, Luiz F. Onuchic1, 1Univ São Paulo School Medicine, Divs Nephrology and Molecular Medicine, São Paulo, BRAZIL, 2Univ São Paulo School Medicine, Heart Inst, São Paulo, BRAZIL.

SO056
NOVEL MECHANISM OF GLOMERULAR CYST FORMATION IN HNF1B DEFICIENCY
Arianna Fiorentino, Armelle Grevellec, Filippo Massa, Serge Garbay, Evelyne Fischer, Marco Pontoglio, Cochin-Inserm U1016, Development, reproduction and cancer, Paris, FRANCE.
Scientific Programme

HALL G       17:00 - 18:30

Free Communication Session 11 + Mini Lecture

Paediatric nephrology 1

Chairs: Michel Fischbach, Strasbourg, France
        Franz Schaefer, Heidelberg, Germany

Mini lecture
How to improve HD outcome in children: more convection, more time, more sessions?
Michel Fischbach, Strasbourg, France

FREE COMMUNICATIONS

SO057 MORTALITY RISK IN EUROPEAN CHILDREN WITH END-STAGE RENAL DISEASE ON DIALYSIS RESULTS FROM THE ESPN/ERA-EDTA REGISTRY
Nicholas Chesnaye1, Franz Schaefer2, Jaap W. Groothoff3, Marjolein Bonthuis1, Gyorgy Reusz4, James G. Heaf5, Malcolm Lewis6, Elisabeth Maurer7, Dušan Paripovic8, Ilona Zagozdzon9, Karlijn J. van Straelen1, Kitty J. Jager1, 1ESPN/ERA-EDTA Registry and ERA-EDTA Registry, Medical Informatics, Amsterdam, NETHERLANDS, 2Univ Heidelberg, Div Paediatric Nephrology, Heidelberg, GERMANY, 3Emma Children’s Hosp, Dept Pediatric Nephrology, Amsterdam, NETHERLANDS, 4Semmelweis Univ Budapest, Dept Pediatrics, Budapest, ROMANIA, 5Univ Copenhagen, Dept Nephrology, Herlev, DENMARK, 6Manchester Children’s Hosp, Nephrology, Manchester, UK, 7Univ Bern, Inst Social and Preventive Medicine, Bern, SWITZERLAND, 8Univ Belgrade, Dept Nephrology, Belgrade, SERBIA, 9Medical Univ Gdansk, Dept Paediatrics, Nephrology & Hypertension, Gdansk, POLAND.

SO058 INTIMAL AND MEDIAL ARTERIAL CHANGES IN CHRONIC KIDNEY DISEASE: TIME TO RECONSIDER CONVENTIONAL IMT?

SO059 LONG TERM EFFICACY OF COMMONLY USED STEROID SPARING AGENTS AMONG IDIOPATHIC NEPHROTIC CHILDREN
Biswanath Basu1, TKS Mahapatra2, 1NRS Medical College & Hosp, Div Pediatric Nephrology, Dept Pediatrics, Kolkata, INDIA, 2NRS Medical College & Hosp, Pediatrics, Kolkata, INDIA.

SO060 INFECTION-RELATED HOSPITATIONS AFTER KIDNEY TRANSPLANTATION IN CHILDREN: INCIDENCE, RISK FACTORS AND COST
Julien Hogan1,2, Cécile Couchoud2, 1Robert Debré Hosp, Pediatric Nephrology, Paris, FRANCE, 2Biomedicine Agency, REIN Registry, Saint Denis, FRANCE.
OUTCOMES OF KIDNEY TRANSPLANTATION IN CHILDREN WEIGHING ≤ 15 KG

Benedetta D. Chiodini1, Jean Herman2, Ksenija Lolin1, Brigitte Adams1, Elise Hennaut1, Pierre Lingier3, Michelle Hall1, Françoise Janssens1, Rita Van Damme-Lombaerts2, Noël Knops2, Karl M. Wissing4, Khalid Ismaili1, 1Queen Fabiola Univ Children Hosp, Pediatric Nephrology, Brussels, BELGIUM, 2Univ Hosp Gasthuisberg, Pediatric Transplant Unit, Leuven, BELGIUM, 3Erasme Hosp, Renal Transplant, Brussels, BELGIUM, 4Brugmann Hosp, Nephrology, Brussels, BELGIUM.
Scientific Programme

HALL M  17:00 - 18:30
Free Communication Session 12 + Mini Lecture

History of nephrology
In collaboration with IAHN (International Association for the History of Nephrology)

Chairs: Athanasios Diamandopoulos, Patras, Greece
Vincenzo Savica, Messina, Italy

Mini lecture
Antonino D’Antona and the first description in 1909 of the crush syndrome with renal failure after the Messina earthquake
Natale Gaspare De Santo, Naples, Italy

FREE COMMUNICATIONS

SO062
ON THE HISTORY OF THE HISTORY OF NEPHROLOGY
Athanasios Diamandopoulos1,2, IIAHN, History, Patras, GREECE, 2Louros Foundation, History of medicine, Athens, GREECE.

SO063
NEWSPAPER BASED MAXIMUM TIME-TO-RESCUE WAS 20 DAYS FOLLOWING THE MESSINA EARTHQUAKE
Luca De Santo1, Carmela Bisaccia2, Natale G. De Santo3, 1Univ Foggia, Medical and Surgical Sciences, Naples, ITALY, 2Istituto Mazzini, Scuola, Naples, ITALY, 3Second Univ Naples, Medicine, Naples, ITALY.

SO065
THE ORIGINS OF DEVELOPMENT AND TEACHING OF NEPHROLOGY IN POLAND
Janusz Ostrowski1,2, Boleslaw Rutkowski3,2, 1Specialist Provincial Hosp, Third Dept Internal Medicine and Nephrology, Wloclawek, POLAND, 2Polish Society of Nephrology, Historical Section, Gdansk, POLAND, 3Medical Univ, Dept Nephrology, Transplantology and Internal Medicine, Gdansk, POLAND.

SO066
FROM THE HISTORY OF NEPHROLOGY TO THE FUTURE: AN APPEAL TO GOVERNMENTS TO REDUCE USE OF PHOSPHORUS BASES ADDITIVES THAT ARE ENDANGERING KIDNEYS AND PUBLIC HEALTH
Vincenzo Savica, Giovanni Duro, National Research Council, A. Monroy Inst Biomedicine and Molecular Immunology, Palermo-Messina, ITALY
POSTER SESSION
Poster Area
09:30 - 10:45

Acid-base/Na, K, Cl, uric acid SP001-SP009
Renal development and cystic diseases SP010-SP039
Renal pathology. Experimental and clinical - 1 SP040-SP072
Hypertension. Experimental SP073-SP091
Hypertension. Clinical SP092-SP119
Clinical Nephrology, primary and secondary glomerulonephritis - 1 SP120-SP167
Acute Kidney Injury. Experimental - 1 SP168-SP181
Acute Kidney Injury. Clinical - 1 SP182-SP219
Chronic Kidney Disease. Lab methods, GFR measurement, urine proteomics SP220-SP256
Chronic Kidney Disease. Pathophysiology, progression & risk factors - 1 SP257-SP283
Chronic Kidney Disease. Clinical Epidemiology - 1 SP284-SP308
Chronic Kidney Disease. Anaemia SP309-SP327
Chronic Kidney Disease. Nutrition, inflammation and oxidative stress SP328-SP373
Diabetes. Basic research - 1 SP374-SP378
Diabetes. Clinical studies - 1 SP379-SP393
Dialysis. Extracorporeal dialysis: techniques and adequacy - 1 SP394-SP429
Peritoneal dialysis - 1 SP430-SP460
Dialysis. Cardiovascular complications - 1 SP461-SP496
Dialysis. Vascular access SP497-SP545
Dialysis. Anaemia SP546-SP558
Dialysis. Epidemiology, outcome research, health services research - 1 SP559-SP608
Dialysis. Protein-energy wasting, inflammation and oxidative stress - 1 SP609-SP629
Renal transplantation. Experimental, immune-tolerance of allogenic and xenogenic transplants SP630-SP641
Renal transplantation. Clinical - 1 SP642-SP693
Paediatric Nephrology SP694-SP738
History of Nephrology SP739-SP748
Late Breaking Clinical Trials SP749-SP759
SP001
ALTERATIONS OF ION TRANSPORTERS IN CELLS OF THICK ASCENDING LIMB IN AUTOSOMAL DOMINANT TUBULOINTERSTITIAL KIDNEY DISEASE - UMOD
Elisabeth Kemter1, Stefan Krebs2, Ruediger Wanke3, 1Chair for Molecular Animal Breeding and Biotechnology, LMU Munich, Munich, GERMANY, 2Lab Functional Genome Analysis, LMU Munich, Munich, GERMANY, 3Inst Veterinary Pathology, LMU Munich, Munich, GERMANY.

SP002
HYPONATREMIA IS A MARKER OF SEVERITY OF HIV DISEASE IN COMBINED ANTIRETROVIRAL THERAPY-NAIVE PATIENTS: A SINGLE CENTRE RETROSPECTIVE COHORT STUDY
Philippe Bracconnier1, Marc Delforge2, Maria Garjau3, Karl Martin Wissing1,3, Stéphane De Wit2, 1UZ Brussel, Nephrology, Brussels, BELGIUM, 2Saint-Pierre Univ Hosp, Infectious Diseases, Brussels, BELGIUM, 3Centre Hosp Univ Brugmann, Nephrology, Brussels, BELGIUM.

SP003
EVALUATION OF HYPONATREMIC PATIENTS AND THE SHORT-TERM EFFECTS OF Tolvaptan in Resistant Cases
Esra Akcal1, Ayşegül Zümrütdal2, 1Baskent Univ Adana Teaching and Research Center, Internal Medicine, Adana, TURKEY, 2Başkent Univ Adana Teaching and Research Center, Nephrology, Adana, TURKEY.

SP004
DETERMINATION OF RISK FACTORS AND CLINICAL OUTCOMES OF HYPERKALEMIA IN ELDERLY
Kenan Turgutalp1, Simge Bardak1, Ilter Helvac1, Gizem İşgüzar1, Ezgi Payas1, Serap Demir1, Ahmet Kıyık1, 1Mersin Univ Fac Medicine, Dept Internal Medicine, Div Nephrology, Mersin, TURKEY, 2Silifke School Applied Technology and Management, Dept Business Information Management, Mersin, TURKEY.

SP005
FRACTIONAL EXCRETION OF URIC ACID AS A DIAGNOSTIC BIOMARKER IN SYNDROME OF INAPPROPRIATE ANTIIDIURETIC HORMONE SECRETION
Saubhik Sural1, Sutirtha Chakrabarty2, 1Peerless Hosp & B K Roy Research Centre, Nephrology, Kolkata, INDIA, 2Peerless Hosp & B K Roy Research Centre, Biochemistry, Kolkata, INDIA.

SP006
BICARBONATE BIODYNAMICS IS UNDER PROLACTIN CONTROL IN THE RAT MODEL OF CHOLESTASIS OF PREGNANCY
Olga V. Smirnova, Olesya A. Bulaeva, Tatiana A. Balakina, M.V. Lomonosov Moscow State Univ, Biological, Moscow, RUSSIAN FEDERATION.

SP007
HIGH URIC ACID IS SIGNIFICANTLY ASSOCIATED WITH INCREASED ARTERIAL STIFFNESS IN HEALTHY KOREAN WOMEN
Hyoeung Cheon Park1, Ah Ran Choi1, Jung Eun Lee2, Hyunwook Kim1, Hoon Young Choi1, Sung Kyu Ha1, 1Gangnam Severance Hosp, Yonsei University College Medicine, Internal Medicine, Seoul, KOREA, 2Yongin Severance Hosp, Yonsei Univ College Medicine, Internal Medicine, Yongin, KOREA.

SP008
HYponatremia: A Proposal for New Classification Based on Urine Osmolarity and Pathophysiology of Hyponatremia
Hormaz Dastoor1, Samra Abouchacra2, Nellie Boma1, 1Rahba Hosp, Medicine - Nephrology, Abu Dhabi, UNITED ARAB EMIRATES, 2Tawam Hosp, Medicine - Nephrology, Al Ain, UNITED ARAB EMIRATES.

SP009
MORTALITY AND COST OF HYponatremia Among Chinese In-hosp Patients in a Single Center
Yang Li1, Jinlin Hao1, Cheng Pang2, Xuehan Zhang3, Yi Wang2, Ling qiu4, Limeng Chen1, 1Peking Union Medical College Hosp, Dept nephrology, Beijing, CHINA, 2Peking Union Medical College Hosp, Medical Records Dept, Beijing, CHINA, 3Peking Union Medical College Hosp, International Medical Dept, Beijing, CHINA, 4Peking Union Medical College Hosp, Dept Clinical Lab, Beijing, CHINA.
Posters

RENNL DEVELOPMENT AND CYSTIC DISEASES

SP010
INTEGRIN β1 IS NECESSARY FOR THE DEVELOPMENT OF RENAL MEDULLA
Shinya Nakatani1,2, Eiji Ishimura1, Masakaki Inaba3, Akio Kobayashi2, 1Osaka City Univ Graduate School Medicine, Nephrology, Osaka, JAPAN, 2Univ Washington, Nephrology, Seattle, WA, 3Osaka City Univ Graduate School Medicine, Metabolism, Endocrinology, and Molecular Medicine, Osaka, JAPAN.

SP011
A MULTIDISCIPLINARY STEPWISE PROTOCOL FOR THE TREATMENT OF REFRACTORY CHRONIC PAIN IN ADPKD PATIENTS: INITIAL RESULTS
Niek F. Casteleijn1, Marieke D. van Gastel1, Peter J. Blankesteijn2, Joost P. Drenth3, Gerbrandy J. Groen4, Rosa J. de Jager5, Anna M. Lelieveld5, Ruud Stellena1, Andreas P. Wolf4, Ron T. Gansevoort1, 1UMCG, Nephrology, Groningen, NETHERLANDS, 2UMCU, Nephrology, Utrecht, NETHERLANDS, 3Radboud UMC, Gastroenterology and Hepatology, Nijmegen, NETHERLANDS, 4UMCG, Anaesthesia, Groningen, NETHERLANDS, 5UMCG, Urology, Groningen, NETHERLANDS.

SP012
THE DIPAK 1 STUDY: BASELINE CHARACTERISTICS AND SHORT-TERM TREATMENT EFFECTS OF LANREOTIDE VERSUS STANDARD CARE IN PATIENTS WITH LATER STAGE ADPKD
Niek Casteleijn1, Lianne Messchendorp1, Edwin Spithoven1, Hedwig d’Agnolo2, Joost Drenth1, Johan de Fijter3, Dorien Peters4, Mahdi Salihi5, Darius Sooowala5, Folkert Visser1, Jack Wetens6, Bob Zietse5, Ron Gansevoort1, 1UMCG, Nephrology, Groningen, NETHERLANDS, 2Radboud UMC, Gastroenterology and Hepatology, Nijmegen, NETHERLANDS, 3UMC, Nephrology, Leiden, NETHERLANDS, 4UMCG, Genetics, Leiden, NETHERLANDS, 5Erasmus MC, Nephrology, Rotterdam, NETHERLANDS, 6Radboud UMC, Nephrology, Nijmegen, NETHERLANDS.

SP013
CONTRASTING APPROACHES TO PREDICTING ADPKD PROGRESSION AND OUTCOMES
Hayley Bennett1, Phil McEwan1,2, Karl O’Reilly3, Paul Robinson3, 1Health Economics and Outcomes Research Ltd, Cardiff, UK, 2Swansea Univ, School Human & Health Sciences, Swansea, UK, 3Otsuka Pharmaceutical Europe Ltd, Wexham, UK.

SP014
NEW-ONSET ATRIAL FIBRILLATION IS ASSOCIATED WITH POLYCYSTIC KIDNEY DISEASE: A NATIONWIDE POPULATION-BASED COHORT STUDY
Tung-Min Yu1, Ya-Wen Chuang1, Chia-Hung Kao2, 1Taichung Veterans General Hosp, Div Nephrology, Taichung, TAIWAN, 2Inst Clinical Medicine, China Medical Univ, Taichung, TAIWAN.

SP015
RENNL DENERVATION AS THERAPEUTIC OPTION FOR KIDNEY RELATED PAIN IN PATIENTS WITH CHRONIC KIDNEY DISEASE.
Rosa L. de Jager1, Niek F. Casteleijn2, Esther de Beus1, Michiel L. Bots3, Ron T. Gansevoort2, Peter J. Blankesteijn1, 1UMC Utrecht, Nephrology and Hypertension, Utrecht, NETHERLANDS, 2UMC Groningen, Nephrology, Groningen, NETHERLANDS, 3UMC Utrecht, Julius Center Health Sciences and Primary Care, Utrecht, NETHERLANDS.

SP016
EFFICACY AND SAFETY OF TOLVAPTAN ON ADPKD PATIENTS IN LATE-STAGE CKD
Fumihiko Hattanda, Minoru Makita, Keisuke Kawashima, Keiichi Kondo, Yoshihiro Kusunoki, Naoko Matsuoka, Junya Yamamoto, Tasuku Nakagaki, Saori Nishio, Tatsuya Atsumi, Hokkaido Univ Graduate School Medicine, Div Rheumatology, Endocrinology and Nephrology, Sapporo, JAPAN.

SP017
ONE-YEAR FOLLOW-UP OF A PHASE I CLINICAL TRIAL ON THE USE OF BONE MARROW MESENCHYMAL STROMAL CELLS IN ADPKD PATIENTS
Atieh Makhloughi1, Soroosh Shekarchian2, Reza Moghadasali2, Seyedeh Esmat Hosseini2, Nasser Aghdami2, 1Sari Univ Medical Sciences, Nephrology, Sari, IRAN, 2Kuyan Inst, Regenerative Biomedicine, Tehran, IRAN.

SP018
THE ASSOCIATION OF COMBINED TOTAL KIDNEY AND LIVER VOLUME WITH GASTROINTESTINAL SYMPTOMS AND PAIN IN PATIENTS WITH LATER STAGE ADPKD
Hedwig M. A. D’Agnolo1, Niek F. Casteleijn2, Hans W. de Fijter3, Lianne A. Messchendorp2, Dorien J. Peters4, Dorien J. Peters4, Mahdi Salihi5, Darius Sooowala3, Edwin M. Spithoven2, Folkert W. Visser2, Jack Wetens6, Bob Zietse5, Ron T. Gansevoort2, Joost P. H. Drenth1, 1Radboud Univ Medical Center Nijmegen, Gastroenterology and Hepatology, Nijmegen, NETHERLANDS, 2Univ Medical Center Groningen, Nephrology, Groningen, NETHERLANDS, 3Leiden Univ Medical Center, Nephrology, Leiden, NETHERLANDS, 4Leiden Univ Medical Center, Human Genetics, Leiden, NETHERLANDS, 5Erasmus Medical Center Rotterdam, Nephrology, Rotterdam, NETHERLANDS, 6Radboud Univ Medical Center Nijmegen, Nephrology, Nijmegen, NETHERLANDS.
SP019
IS END-STAGE POLYCYSTIC KIDNEY DISEASE ASSOCIATED WITH IMPAIRMENT OF GLUCOSE METABOLISM?
Magdalena Jankowska1,2, Abdul R. Qureshi1, Peter Barany1, Olof Heimburger1, Bengt Lindholm1,
1Div Renal Medicine and Baxter Novum, Karolinska Inst Stockholm, Dept Clinical Science, Intervention and Tech-
ology, Huddinge, SWEDEN, 2Medical Univ Gdansk, Dept Nephrology, Transplantology and Internal Medicine, Gdansk,
POLAND.

SP020
EFFECT OF TOLVAPTAN ON A BODY WATER BALANCE IN PATIENTS WITH AUTOSOMAL DOMINANT
POLYCYSTIC KIDNEY DISEASE.
Minoru Makita1, Saori Nishio1, Keichi Kondo1, Keisuke Kawashima1, Yozo Ishikawa1, Fumihiko Hattanda1, Yoshihiro
Kusunoki1, Naoko Matsuoka1, Junya Yamamoto1, Tsatsuki Nakagaki1, Hiroshi Takeda2, Tatsuya Atsumi1, 1Hokkaido
Univ Hosp, Dept Medicine II, Sapporo, Hokkaido, JAPAN, 2Hokkaido Univ Graduate School Pharmacy, Lab Patho-
physiology and Therapeutics, Sapporo, Hokkaido, JAPAN.

SP021
RENAL SURVIVAL AND ASSOCIATED FACTORS IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC
KIDNEY DISEASE
Tuba E. Senel1, Sinan Trabulus2, Serkan Feyyaz Yalin2, Nurhan Seyahi2, Mehmet Riza Altiparmak2, 1Istanbul Univ
Cerrahpasa Medical Fac, Internal Medicine, Istanbul, TURKEY, 2Istanbul Univ Cerrahpasa Medical Fac, Nephrology,
Istanbul, TURKEY.

SP022
THE CROSS-TALK BETWEEN POLYCYSTIN-2 AND CFTR IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY
DISEASE
Mónica Roxo-Rosa, Susana S. Lopes, CEDOC, Chronic Diseases Research Center, NOVA Medical School, Fac Ciências
Médicas, Univ Nova de Lisboa, Lisbon, PORTUGAL.

SP023
ALLEVIATING THE BURDEN OF ADPKD IN EUROPE: ESTIMATING THE IMPACT OF TREATMENT ON PATIENT
AND HEALTH SYSTEM OUTCOMES IN FOUR EU COUNTRIES
Hayley Bennett1, Phil McEwan1,2, Karl O’Reilly3, Paul Robinson3, 1Health Economics and Outcomes Research Ltd,
Cardiff, UK, 2Swansea Univ, School Human & Health Sciences, Swansea, UK, 3Otsuka Pharmaceutical Europe Ltd,
Wexham, UK.

SP024
IDENTIFICATION OF NEW SIGNALLING PATHWAYS RELATED TO POLYCYSTIC KIDNEY DISEASE (PKD):
FROM ANIMAL MODELS TO TREATMENT
Olga Lamas-Gonzalez1, Susana Bravo2, Ana B. Sanz3, Ana Barcia de la Iglesia1, Adrian Cordido Eijo1, Alberto Ortiz3,
Terry Watnick4, Gregory G. Germino5, Candido Diaz1, Miguel A. Garcia-Gonzalez1, 1Health Research Inst Santia-
go (IDIS), Group of Genetics and Developmental Biology of Renal diseases, Santiago de Compostela, SPAIN, 2Health
Research Inst Santiago (IDIS), Proteomics Unit, Santiago de Compostela, SPAIN, 3Bios-Fundación Jimenez Diaz, Lab
Nephrology, Madrid, SPAIN, 4Univ Maryland School Medicine, Nephrology, Baltimore, MD, 5National Inst Diabetes
and Digestive and Kidney Disease, Polycystic Kidney Disease Laboratory, Bethesda, MD.

SP025
RELATIONSHIP OF ADPKD DISEASE-RELATED OUTCOMES WITH RATE OF TOTAL KIDNEY VOLUME
GROWTH: ANALYSIS FROM THE OVERTURE STUDY
Ron Gansevoort1, Jaime Blais2, Arlene Chapman3, Vicente Torres4, John Ouyang5, Wen Zhou5, Frank Czerwiec6, Ron
Perrone7, 1UGroningen, Nephrology, Groningen, NETHERLANDS, 2Otsuka PDC, Global Medical Affairs, Princeton,
NJ, 3Univ Chicago, Nephrology, Chicago, IL, 4Mayo, Nephrology, Rochester, MN, 5Otsuka PDC, Biosciences, Rockville,
MD, 6Otsuka PDC, Global Clinical Development, Rockville, MD, 7Tufts MC, Nephrology, Boston, MA.

SP026
URINE PROTEOME ANALYSIS OF ADPKD PATIENTS SELECTED BY A TKV IMAGING CLASSIFICATION ME-
THOD
Martin Pejchinovski1,2, Harald Mischak1,3, Arlene B. Chapman4, Andreas D. Kistler5, 1Mosaiques Diagnostics GmbH,
Clinical Proteomics, Hannover, GERMANY, 2Charité-Universitätsmedizin, Proteomics, Berlin, GERMANY, 3Univ Glas-
gow, BHF Glasgow Cardiovascular Research Centre, Glasgow, UK, 4Univ Chicago, Section Nephrology, Dept Medi-
cine, Chicago, IL, 5Cantonal Hosp Frauenfeld, Dept Internal Medicine, Renal Unit, Frauenfeld, SWITZERLAND.

SP027
PREDICTORS OF DISEASE PROGRESSION IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Andreea Andronesi1,2, Camelia Petrescu2, Andreia Fetcuc2, Roxana Jurubita1, Danut Andronesi3, Genar Ismail1,2,
1Fundeni Clinical Inst, Dept Nephrology, Bucharest, ROMANIA, 2UMF Carol Davila, Dept Nephrology, Bucharest,
ROMANIA, 3Fundeni Clinical Inst, Dept General Surgery and Liver Transplant, Bucharest, ROMANIA.
SP028
SMALL TOTAL KIDNEY VOLUME IS CORRELATED WITH EFFECT OF TOLVAPTAN IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE PATIENTS
Keisuke Kawashima, Saori Nishio, Keiichi Kondo, Yozo Ishikawa, Fumihiko Hattanda, Minoru Makita, Yoshihiro Kusunoki, Naoko Matsuoka, Junya Yamamoto, Tasuku Nakagaki, Tatsuya Atsumi, Hokkaido Univ Hosp, Div Rheumatology, Endocrinology and Nephrology, Sapporo, JAPAN.

SP029
ASSOCIATION BETWEEN PREGNANCY AND LONG-TERM RENAL OUTCOME IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Noriko Hayami, Yoshifumi Ubara, Junichi Hoshino, Toranomon Hosp, Kidney Center, Kawasaki-shi, JAPAN.

SP030
MUTATIONAL ANALYSIS OF DEVELOPMENTAL GENES SIX1, PAX2, GATA3 AND SPRY1 IN CAKUT PATIENTS
Susanna Negrisolo, Elisa Benetti, Andrea Carraro, Giulia Fregonese, Germana Longo, Enrico Vidal, Luisa Murri, Az. Osp-Univ Padua, Pediatric Nephrology, Dialysis and Transplant Unit, Dept Women’s and Children’s Health, Padua, ITALY.

SP031
DETERIORATION OF ARTERIAL FUNCTIONS ARE MORE RAPID THAN RENAL FUNCTIONS OVER 4 YEARS IN PATIENTS WITH ADPKD
Abdülmecit Yildiz1, Saim Sağ2, Ayseugul Oruc1, Yavuz Ayar1, Bulent Gul1, Ercan Cegilli1, Muhammet F. Aydin1, Alparslan Erdos1, Sümeeye Gülüllü1, Mustafa Gülullu1, 1Uludag Univ School Medicine, Nephrology, Bursa, TURKEY, 2Uludag Univ School Medicine, Cardiology, Bursa, TURKEY.

SP032
TWO YEARS EXPERIENCE OF TOLVAPTAN TREATMENT FOR TWENTY-THREE ADPKD PATIENTS.
Shinsuke Nomura, Mayumi Endo, Hiroshi Matsuo, Suzuka Keisei Hosp, Kidney Center, Suzuka, Mie, JAPAN.

SP033
WHAT DIFFERENCE A FORMULA MAKES? ELIGIBILITY FOR TOLVAPTAN THERAPY FOR ADPKD - HOW TO SELECT THOSE WHO WILL BENEFIT THE MOST FROM TREATMENT?
David Goldsmith, Ruth Eyres, Guy’s and St Thomas’ Hosps NHS Foundation Trust, Nephrology, London, UK.

SP034
THE RELATIONSHIP BETWEEN RENAL VOLUME AND THE INTRARENAL RENIN-ANGIOTENSIN SYSTEM ACTIVITY IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE PATIENTS
Tasuku Nakagaki, Hokkaido Univ Graduate School Medicine, Internal Medicine II, Sapporo, JAPAN.

SP035
RELATIONSHIP BETWEEN EXCRETION OF PROFIBROGENIC CYTOKINES AND EARLY RENAL AND CARDIOVASCULAR CHANGES IN CHILDREN WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE.
Papizh Svetlana, Dlin Vladimir, Leontieva Irina, Vinogradova Tatiana, Research and Clinical Inst Pediatrics, N.I. Pirogov Russian National Research Medical Univ, Moscow, RUSSIAN FEDERATION.

SP036
RARE HEPATO BILIARY COMPLICATIONS OF RENAL ABSCESSES IN NEPHROLOGY: RENAL ABSCESSES AND ACUTE ACALCULOUS CHOLECYSTITIS
Silvia Velciovi1,2, Cristina Gluhovschi1,2, Bheorghe Bozdog2, Ligia Petrica1,2, Mircea Botoca3,4, Ciprian Dut1,5,6, Gheorghe Gluhovschi7, 1Univ Medicine and Pharmacy Timisoara, Nephrology, Timisoara, ROMANIA, 2Univ Medicine and Pharmacy, Urology, Timisoara, ROMANIA, 3Univ Medicine and Pharmacy, Urology, Timisoara, ROMANIA, 4Clinical Emergency Hosp, Urology, Timisoara, ROMANIA, 5Univ Medicine and Pharmacy, Surgery, Timisoara, ROMANIA, 6Clinical Emergency Hosp, Surgery, Timisoara, ROMANIA, 7Academy Health Sciences, Nephrology, Timisoara, ROMANIA.

SP037
ASSOCIATION OF MORNING BLOOD PRESSURE SURGE (MBPS) WITH LEFT VENTRICULAR HYPERTROPHY IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD): A CROSS SECTIONAL STUDY
Saim Sağ1, Abdülmecit Yildiz2, Alparslan Erdoy3, Ayseugul Oruc2, Fatih Gungoren1, Yavuz Ayar2, Cuma B. Gul1, Sümeeye Gülüllü1, Mustafa Gülullu1, 1Uludag Univ Medical School, Cardiology, Bursa, TURKEY, 2Uludag Univ Medical School, Nephrology, Bursa, TURKEY, 3Uludag Univ Medical School, Biostatistics, Bursa, TURKEY.

SP038
THE RELATION OF ANTHROPOMETRIC MEASUREMENTS AND INSULIN RESISTANCE IN PATIENTS WITH AUTOSOMAL POLYCYSTIC KIDNEY DISEASE
Bennur Esen1, Erem S. Gokmen2, Ahmet E. Atay2, 1Bagcilar Education and Research Hosp, Internal Medicine and Nephrology, Istanbul, TURKEY, 2Bagcilar Education and Research Hosp, Internal Medicine, Istanbul, TURKEY.
SP039
INVERSIN (INVS) AS A CANDIDATE GENE IN RENAL HYPODYSPLASIA IDENTIFIED BY WHOLE EXOME SEQUENCING APPROACH
Susanna Negrisolo1, Andrea Carraro1, Giulia Fregonese1, Elisa Benetti1, Davide Meneghesso1, Germana Longo1, Giorgio Valle2, Piergiorgio Gamba3, Luisa Murer1, 1Az. Osp-Univ Padua, Pediatric Nephrology, Dialysis and Transplant Unit, Dept Women’s and Children’s Health, Padua, ITALY, 2Univ Padua, CRIBI Biotechnology Centre, Padua, ITALY, 3Univ Padua, Pediatric Surgery, Women’s and Children’s Health Dept, Padua, ITALY.
Posters

**SP040**

**BET BROMODOMAIN INHIBITION AMELIORATES EXPERIMENTAL INFLAMMATION IN THE KIDNEY**

Jose Luis Morgado, Beatriz Suarez-Alvarez, Sandra Rayego-Mateos, Ramon M. Rodriguez, Ana B. Sanz, Jesus Egido, Alberto Ortiz, Carlos Lopez-Larrea, Marta Ruiz-Ortega, I1nst IIS-Fundación Jiménez Díaz, Autonoma Univ Madrid, Nephrology, Madrid, SPAIN, 2Hosp Univ Central de Asturias, Dept Immunology, Oviedo, SPAIN.

**SP041**

**OVERLAPPING AND DISTINCT ROLES OF C5A RECEPTORS C5AR AND C5L2 IN EXPERIMENTAL KIDNEY FIBROSIS**


**SP042**

**CREATION OF MOUSE MODELS OF COMPLEMENT MEDIATED RENAL DISEASE USING CRISPR-CAS9 TO INTRODUCE KNOWN HUMAN FACTOR H MUTATIONS IN HUMAN C5A-RECEPTOR KNOCK-IN MICE**

Chris Li, Linda Ertl, Pirow Bekker, Israel Charo, Thomas Schall, Chemocentryx, Research, Mountain View, CA.

**SP043**

**THE ROLE OF GATA3 IN RENIN CELLS IN KIDNEY DEVELOPMENT AND DURING ADAPTATION TO PHYSIOLOGICAL STRESS**

Irina V. Grigorieva, Elena F. Grigorieva, Brigitte Langer, Renate Kain, Andrew Rees, Medical Univ Vienna, Clinical Inst Pathology, Vienna, AUSTRIA.

**SP044**

**ROLE OF GLUCAGON LIKE PEPTIDE-1 IN EXPERIMENTAL GLOMERULONEPHRITIS**

Foteini Moschovaki Filippoudou, Alexander Kirsch, Alexander R. Rosenkranz, Akos Heinemann, Kathrin Eller, 1Medical Univ Graz, Internal Medicine, Graz, AUSTRIA, 2Medical Univ Graz, Experimental and Clinical Pharmacology, Graz, AUSTRIA.

**SP045**

**EXOSOMES FROM ACTIVATED KIDNEY FIBROBLAST HAVE AMBIVALENT POTENTIAL EFFECT ON PROGRESSION OF ATHEROSCLEROSIS**

Fumitoshi Nishio, Noritoshi Kato, Takoji Ishimoto, Tomoki Kosugi, Naotake Tsuboi, Shoichi Maruyama, Seichi Matsuo, Nagoya Univ, Nephrology, Nagoya, JAPAN.

**SP046**

**AIM(CD5L) REGULATES GLOMERULAR IGA DEPOSITION AND ITS PHLOGOGENISITY IN IGA NEPHROPATHY REGULATES THE GLOMERULAR IGA DEPOSITION AND ITS PHLOGOGENISITY IN IGA NEPHROPATHY**

Akiko Takahata, Kento Kitada, Chieko Nogi, Satoko Arai, Yuko Makita, Hitoshi Suzuki, Junichiro Nakata, Satoshi Horikoshi, Toru Miyazaki, Yusuke Suzuki, J1ntendo Univ School Medicine, Div Nephrology, Dept Internal Medicine, Tokyo, JAPAN, 2Univ Tokyo, Lab Molecular Biomedicine for Pathogenesis, Tokyo, JAPAN.

**SP047**

**COLLAGEN TURNOVER MARKERS IN PLASMA AND URINE ARE RELATED TO CHRONIC KIDNEY DISEASE SEVERITY BUT NOT TO ARTERIAL STIFFNESS**

Daniel C. K. Rasmussen, Lene Boesby, Anne-Lise Kamper, Morten A. Karsdal, Federica Genovese, Nordic Biotechnology, Biomarkers & Research, Herlev, DENMARK, 2Univ Southern Denmark, Cardiovascular and Renal Research, Odense, DENMARK, 3Rigi-Hosp, Dept Nephrology, Copenhagen, DENMARK.

**SP048**

**THE BET BROMODOMAIN INHIBITOR JQ1 DIMINISHED RENAL FIBROSIS**

Sandra Rayego-Mateos, Jose Luis Morgado, Beatriz Suarez-Alvarez, Macarena Orejudo, Raul Rodriguez-Diez, Laura Marquez-Exposito, Jesus Egido, Alberto Ortiz, Carlos Lopez-Larrea, Marta Ruiz-Ortega, I1nst IIS-Fundación Jiménez Díaz, Autonoma Univ Madrid, Nephrology, Madrid, SPAIN, 2Hosp Univ Central de Asturias, Immunology, Oviedo, SPAIN.

**SP049**

**MALE GENDER AND HYPERTENSION ARE INDEPENDENT VARIABLES ASSOCIATED WITH KIDNEY CANCER IN EUROPE: RESULTS FROM THE SHARE STUDY**

Joana Lourenço, António Serrano, Verónica Poveda, Alice Santos-Silva, Elísio Costa, 1USF Pedras Rubras, Maia, PORTUGAL, 2CBAS - Univ Porto, Univ Santa Elena, La Libertad, Equator, Porto, PORTUGAL, 3UCIBIO, Fac Pharmacy, Univ Porto, Dept Biological Sciences, Porto, PORTUGAL, 4Fac Pharmacy, Univ Porto, Dept Biological Sciences, Porto, PORTUGAL.
THE ROLE OF BASIGIN IN THE DEVELOPMENT OF PROTEINURIA
Tomoki Yoshioka1, Tomoki Kosugi1, Yoshiko Mori1, Kayaho Maeda2, Seiichi Matsuoi1, Shoichi Maruyama1, 1Nagoya Univ Graduate School Medicine, Nephrology, Nagoya-shi, Aichi-ken, JAPAN, 2Beth Israel Deaconess Medical Center, Harvard Medical School, Rheumatology, Boston, MA.

NEOD001 DEMONSTRATES RENAL BIOMARKER RESPONSES IN A PHASE 1/2 STUDY IN PATIENTS WITH IMMUNOGLOBULIN LIGHT CHAIN AMYLOIDOSIS AND PERSISTENT RENAL DYSFUNCTION
Michaela Liedtke1, Raymond L. Comenzo2, Heather Landau3, David Seldin4, Jeffrey Zonder5, Jackie Walling6, Gene Kinney8, Martin Koller8, Morie A. Gertz9, 1Stanford Univ School Medicine, Dept Medicine/Hematology, Stanford, CA, 2Tufts Medical Center, Dept Medicine, Boston, MA, 3Memorial Sloan Kettering Cancer Center, Dept Medicine, New York, NY, 4Beth Israel Univ, Dept Medicine, Boston, MA, 5Univ Pennsylvania, Dept Medicine, Philadelphia, PA, 6Karmanos Cancer Inst, Dept Oncology, Detroit, MI, 7JW Consulting, Hillsborough, CA, 8Prothena Biosciences Inc, South San Francisco, CA, 9Mayo Clinic, Div Hematology, Rochester, MN.

GRANZYME B PRODUCING B-CELLS HAVE IMMUNOREGULATORY FUNCTION AND ARE DIMINISHED IN PATIENTS WITH ANCA-VASCULITIS
Benjamin Wilde1, Zhu Jiqiao1, Sebastian Doloff2, Anja Bienholz1, Andreas Kribben1, Jan Willem Cohen Tervaert3, Oliver Witteke1, Univ Duisburg-Essen, Univ Hosp Essen, Dept Nephrology, Essen, GERMANY, 2Univ Duisburg-Essen, Univ Hosp Essen, Dept Infectious Diseases, Essen, GERMANY, 3Maastricht Univ, Immunology, Maastricht, NETHERLANDS.

ACCUMULATION OF LC3 II IN CHOLEMIC NEPHROPATHY IS CAUSED BY BLOCKAGE OF AUTOPHAGIC FLUX
Elisabeth Krones1,2, Tillmann Bork2, Florian Grahammer2, Martin Wagner1, Alexander R. Rosenkranz3, Tobias B. Huber2, Peter Fickert1, 1Medical Univ Graz, Dept Internal Medicine, Clinical Div Gastroenterology and Hepatology, Graz, AUSTRIA, 2Univ Medical Center Freiburg, Renal Division, Freiburg, GERMANY, 3Medical Univ Graz, Dept Internal Medicine, Clinical Div Nephrology, Graz, AUSTRIA.

TIME-CONDITIONAL OVEREXPRESSION OF NOTCH3 IN RENAL TUBULAR EPITHELIUM PROMOTES INFLAMMATION AND DISINTEGRATION OF RENAL STRUCTURE
Panagiotis Kavvadas, Sandrine Placier, Christos Chadichristos, Jean-Claude Dussaule, Christos Chatziantoniou, INSERM UMR-S 1155, UPMC VI, Paris, FRANCE.

ACCUMULATION OF ADENOSINE IN THE OUTER STRIPES OF OUTER MEDULLA IN MURINE KIDNEY IDENTIFIED BY MATRIX-ASSISTED LASER DESORPTION/IONIZATION IMAGING MASS SPECTROMETRY
Fujii Kentaro1, Akiko Kubo2, Kazutoshi Miyashita1, Masaaki Satoh1, Aika Hagiwara1, Hiroki Toyokawa1, Makoto Sue-matsu2, Hiroshi Itoh1, 1Keio Univ, Internal Medicine, Tokyo, JAPAN, 2Keio Univ, Biochemistry, Tokyo, JAPAN.

VALUE OF IMMUNOHISTOCHEMICAL EXPRESSION OF PODOCALYXIN IN ACTIVE LUPUS NEPHRITIS
Maha A. M. Behairy1, Marwa M. Shakweer2, Tamer E. Said1, 1AIN Shams Univ, Nephrology, Cairo, EGYPT, 2Ain Shams Univ, Pathology, Cairo, EGYPT.

ROLE OF THE NON-CANONICAL NOTCH LIGAND DLK1 IN EXPERIMENTAL RENAL DAMAGE.
Laura Marquez Exposito1, Carolina Barria Lavozi1, Raquel Rodrigues Diez1, Sandra Rayego Mateos1, Eva Maria Blanco Ruiz2, Maria Angeles Higuera3, Marta Fierro Fernandez2, Jesus Egidio1, Santiago Lamas2, Marta Ruiz Ortega1, 1Univ Autonoma Madrid, IIS-Fundacion Jimenez Diaz, Nephrology, Madrid, SPAIN, 2Centro Biologia Molecular Severo Ochoa, Cell Biology and Immunology, Madrid, SPAIN.

KLOTHO SUPPRESSES RENAL ANGIOTENSIN BY INHIBITING WNT SIGNALING IN ADRIAMYCIN NEPHROPATHY
Tsuneo Takenaka1, Tsutomu Inoue2, Takashi Miyazaki3, Naohito Ishii4, Akira Nishiyama5, Matsuhiko Hayashi6, Intern Univ Health and Welfare, Medicine, Tokyo, JAPAN, 2Saitama Medical Univ, Nephrology, Saitama, JAPAN, 3Saitama Medical Univ, Health Policy Center, Saitama, JAPAN, 4Kitasato Univ, Clinical Chemistry, Kanagawa, JAPAN, 5Kagawa Univ, Pharmacology, Kagawa, JAPAN, 6Keio Univ, Medicine, Tokyo, JAPAN.

CARDIO- AND RENOPROTECTIVE EFFECTS OF LOW PROTEIN DIET SUPPLEMENTED WITH KETOANALOGUES OF ESSENTIAL AMINOACIDS IN SPONTANEOUSLY HYPERTENSIVE RATS WITH NEPHRECTOMY
Olga Beresneva1, Marina Parastaeva1, Galina Ivanova2, Anatoly Kucher1, Nina Shved1, Ivan Kayukov1, Alexey Smirnov1, 1Fistr Saint-Petersburg State Medical Univ named after I.P. Pavlov, Inst Nephrology, Saint-Petersburg, RUSSIAN FEDERATION, 2Inst Physiology named after I.P.Pavlov, Lab Clinical and Experimental Cardiology, Saint-Petersburg, RUSSIAN FEDERATION.
SP060  PODOCYTES INJURY MARKERS IN PATIENTS WITH CHRONIC GLOMERULONEPHRITIS (CGN)
Natalia Chebotareva, Natalia Neprintseva, Irina Bobkova, Lidia Kozlovskaja, I.M.Sechenov First Moscow State Medical Univ, Nephrology, Moscow, RUSSIAN FEDERATION.

SP061  EFFECT OF ANTI-P-SELECTIN MONOCLONAL ANTIBODY (MAB) ON RENAL INJURY IN EXPERIMENTAL LUPUS NEPHRITIS
Yan Liu, Xiao Li, Simeng Liu, Nan Chen, Dept Nephrology, Ruijin Hosp, Shanghai Jiao Tong Univ School Medicine, Nephrology, Shanghai, CHINA.

SP062  EFFECTS OF JNK INHIBITOR ON PUROMYCIN AMINONUCLEOSIDE-INDUCED NEPHROPATHY IN RATS.
Chiara Alfarano1, Marc Guerard1, Claire Abadie2, Philippe Lluel1, Urosphere, Urology/Nephrology, Toulouse, FRANCE, 2Solid Drug Development, Non-clinical Development, Geneva, SWITZERLAND.

SP063  URINARY COLLAGEN DEGRADATION PRODUCTS AS EARLY MARKERS OF PROGRESSIVE RENAL FIBROSIS
Ryanne Hijmans1, Daniel Guldager2, Saleh Yazdani1, Gerjan Navis1, Harry van Goor3, Federica Genovese2, Jacob van den Born1, 1Univ Medical Center Groningen, Dept Internal Medicine, Div Nephrology, Groningen, NETHERLANDS, 2Nordic Bioscience, Biomarkers & Research, Herlev, DENMARK, 3Univ Medical Center Groningen, Dept Medical Biology & Pathology, Div Pathology, Groningen, NETHERLANDS.

SP064  THE ROLE OF TRYPTOPHAN METABOLISM IN MAINTAINING THE INTEGRITY OF THE GLOMERULAR FILTRATION BARRIER
Patricia Bolanos-Palmieri1,2, Konstantin Deutsch1, Hermann Haller1, Patricia Schroder3, Lynne Staggs3, Mario Schiffer1, 1Hannover Medical School, Nephrology, Hannover, GERMANY, 2Hannover Medical School, Hannover Biomedical Research School, Hannover, GERMANY, 3MDI Biological Lab, Nephrology, Bar Harbor, ME.

SP065  PREDICTING TREATMENT RESPONSE AND RENAL SURVIVAL IN CRESCENTIC ANCA ASSOCIATED GLOMERULONEPHRITIS
Weixin Hu, Xia Liu, Yinhua Chen, Huiping Chen, Haitao Zhang, Zhengzhao Liu, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.

SP066  PROTEOMIC ANALYSIS OF ISOLATED GLOMERULI FROM PATIENTS WITH IGA NEPHROPATHY REVEALS COMPLEMENT ACTIVATION AS IMPORTANT PROGNOSTIC FACTOR
Teodora Ioana Flavia Paunas1,2, Kenneth Finne2, Bjørn Egil Vikse3, 1Helse Fonna, Dept Medicine, Haugesund, NORWAY, 2Univ Bergen, Dept Biomedicine, Bergen, NORWAY, 3Haugesund Hosp, Dept Medicine, Haugesund, NORWAY.

SP067  NEW INSIGHTS ON THE PATHOGENESIS OF EARLY STAGES OF OBESITY RELATED GLOMERULOPATHY
Maru Navarro1, Assumpta Serra2, Dolores López3, Francesc Borràs4, Ioana Bancu5, Josep Bonef5, 1Germans Trias i Pujol Hosp, Nephrology, Barcelona, SPAIN, 2Germans Trias i Pujol Inst, Nephrology, Badalona, SPAIN, 3Germans Trias i Pujol Hosp, Pathology, Badalona, SPAIN, 4Inst Investigació Germans Trias i Pujol, Nephrology, Badalona, SPAIN, 5Germans Trias i Pujol Hosp, Nephrology, Badalona, SPAIN.

SP068  DFERASIROX DEPLETES BCL-XL AND PROMOTES IRON DEPLETION-DEPENDENT DEATH OF PROXIMAL TUBULAR CELLS
Diego Martin-Sanchez, Angel Gallego-Villalobos, Maria Dolores Sánchez-Niño, Jesús Egido, Alberto Ortiz, Ana B Sanz, IIS-Fundación Jiménez Díaz, Nephrology, Madrid, SPAIN.

SP069  FOXP3+ REGULATORY T-LYMPHOCYTES IN THE INTRARENAL INFILTRATES OF PROTEINURIC PRIMARY GLOMERULOPATHIES
Georgios Vlachopoulos1,2, Panagiota Papadaki1,2, Pinelopi Korkolopoulou1, Efstatrios Patsouris1, Harikleia Gakiopoulou1, 1School Medicine, National and Kapodistrian Univ Athens, First Dept Pathology, Athens, GREECE, 2Rethymnon General Hosp, Dept Nephrology, Rethymnon, GREECE.

SP070  OXFORD CLASSIFICATION OF IGA NEPHROPATHY IN ROMANIA: WHERE DO WE STAND?
Gabriel Stefan1,2, Stancu Simona1,2, Genar Ismail3,4, Adrian Zugravu1,2, Eugen Mandache5, Andrei Capitanescu1, Gabriel Mircescu1, IDr Carol Davila Teaching Hosp Nephrology
SP071
APABETALONE (RVX-208), A SELECTIVE BROMODomain AND EXTRA-TERMINAL (BET) PROTEIN INHIBITOR, DECREASES ABUNDANCE AND ACTIVITY OF COMPLEMENT PROTEINS IN VITRO, IN MICE AND IN CLINICAL STUDIES
Norman C. W. Wong1, Kamyar Kalantar-Zadeh2, Ewelina Kulikowski1, Sylwia Wasiak1, Dean Gilham1, Christopher Halliday1, Mike Sweeney3, Jan Johansson3, 1Resverlogix Corp, Scientific Development, Calgary, AB, CANADA, 2Univ California Irvine, School Medicine, Irvine, CA, 3Resverlogix Corp, Clinical Development, Calgary, AB, CANADA.

SP072
NOVEL ANTAGONIST FOR ADENOSINE 3 RECEPTOR IMPROVES RENAL FUNCTION IN ADRIAMYCIN NEPHROPATHY
Hye Min1, Jin Cha1, Ki Kim1, Young Kang1, Jee Han2, Ji Lee3, Hyun Kim3, Dae Cha4, 1Korea Univ, Ansan Hosp, Internal Medicine, Ansan, KOREA, 2Inha Univ, Pathology, Incheon, KOREA, 3Wonkwang Univ, Internal Medicine, Gunpo, KOREA, 4Korea Univ, Ansan Hosp, Internal Medicine, Nephrology, Ansan, KOREA.
HYPERTENSION. EXPERIMENTAL

SP073
COMBINATION OF HIGH FRUCTOSE AND HIGH SALT AFFECTS SODIUM ABSORPTION AND INDUCE THE ELEVATION OF BLOOD PRESSURE THAT IS DEPENDENT ON KETOHEXOKINASE
Takahiro Hayasaki1, Takui Ishimoto1, Tomohito Doke1, Tomoki Kusug1, Richard J. Johnson2, Kenji Kadomatsu3, Seichi Matsuo1, Shoichi Maruyama1, 1Nagoya Univ Graduate School Medicine, Nephrology, Nagoya, JAPAN, 2Univ Colorado Denver, Renal Diseases and Hypertension, Aurora, CO, 3Nagoya Univ Graduate School Medicine, Biochemistry, Nagoya, JAPAN.

SP074
SERINE PROTEASE INHIBITION ATTENUATES SALT-SENSITIVE HYPERTENSION AND KIDNEY INJURY IN A RAT MODEL OF METABOLIC SYNDROME
Yutaka Kakizoe1, Teruhiko Mizumoto1, Terumasa Nakagawa1, Yuichiro Izumil, Takashige Kusabara1, Masatako Adachi1, Taku Miyoshi1, Kenichiro Kitamura2, Masashi Mukoyama1, 1Kumamoto Univ Graduate School Medical Sciences, Nephrology, Kumamoto, JAPAN, 2Univ Yamanashi Fac Medicine, Internal Medicine III, Yamanashi, JAPAN.

SP075
DIFFERENCES IN SODIUM INTAKE DETERMINE THE BLOOD PRESSURE PHENOTYPE OF PREGNANT RATS
Nicole Eisele, Hiten D. Mistry, Genevieve Escher, Stefan Rudloff, Markus G. Mohaupt, Carine Gennari-Moser, Inselspital Bern, Dept Nephrology, Hypertension and Clinical Pharmacology, Bern, SWITZERLAND.

SP076
RENAL OXYGENATION DURING CHRONIC ANGIOTENSIN II INFUSION IN CONCIOUS RATS
T W. Emans1,2, M P. Koensers3, J A. Joles2, B J. Janssen4, C T. P. Krediet1, 1AMC-UvA, Internal Medicine-Nephrology, Amsterdam, NETHERLANDS, 2UMC Utrecht, Nephrology & Hypertension, Utrecht, NETHERLANDS, 3Univ Bristol, Physiology and Pharmacology, Bristol, UK, 4Univ Maastricht, Pharmacology and Toxicology, Maastricht, NETHERLANDS.

SP077
SEX DIFFERENCES IN RENAL TRANSCRIPTOME AND PROGRAMMED HYPERTENSION IN OFFSPRING EXPOSED TO PRENATAL DEXAMETHASONE
You-Lin Tain1, Chien-Ning Hsu2, 1Kaohsiung Chang Gung Memorial Hosp, Pediatrics, Kaohsiung, TAIWAN, 2Kahpsiuang Chang Gung Memorial Hosp, Pharmacy, Kaohsiung, TAIWAN.

SP078
EPIGENETIC MODULATION OF RENAL ARTERIOLES INDUCED BY DOCA-SALT LOADING IN MICE AND THE REMISSION OF MEDIAL HYPERTROPHY AND HYPERTENSION BY INHIBITORS OF HISTONE ACETYLATION
Hiroyuki Inoue, Kazutoshi Miyashita, Masaaki Sato, Aika Hagiwara, Kentaro Fuji, Masanori Tamaki, Hiroshi Itoh, Keio Univ, School Medicine, Internal Medicine, Tokyo, JAPAN.

SP079
THE CRITICAL ROLE OF ANGIOTENSIN RECEPTOR-ASSOCIATED PROTEIN IN SALT-SENSITIVE HYPERTENSION
Hiromichi Wakui1, Kazushi Uneda1, Toru Dejima1, Kotoro Haruara2, Kouichi Tamura1, Yohokama City Univ, Dept Medical Science and Cardiorenal Medicine, Yokohama, JAPAN, 2Jikei Univ School Medicine, Div Nephrology and Hypertension, Dept Internal Medicine, Tokyo, JAPAN.

SP080
LOSS OF MICROVESSEL DENSITY CORRELATES WITH ONSET OF ATROPHY IN 2 KIDNEY 1 CLIP HYPERTENSION
Sonu Kashyap1, Mazen Osman1, Joohyun Park2, Vera Touvykina1, Julia Baranowska3, Maja C. Nackenhorst2, Joseph P. Grande4, 1Mayo Clinic, Lab Medicine and Pathology, Rochester, MN, 2Medical Univ Vienna, School Medicine, Vienna, AUSTRIA, 3Goteborg Univ, Sahigrenska Akademin, School Medicine, Goteborg, SWEDEN, 4Mayo Clinic, Lab Medicine and Pathology, Rochester, MN.

SP081
PATHOPHYSIOLOGICAL ROLE OF KIDNEY IN SYSTEMIC OXIDATIVE STRESS DURING CHRONIC INTERMITTENT HYPOXIA
Keiko Takahashi, Takashi Kobayashi, Takeshi Sugaya1, Akira Nishiyama2, Yoshihide Fujisawa3, Satoshi Horikoshi1, Yusuke Suzuki1, 1Div Nephrology, Dept Internal Medicine, Juntendo Univ School Medicine, Tokyo, JAPAN, 2Dept Pharmacology, Fac Medicine, Kagawa Univ, Kagawa, JAPAN, 3Life Science Research Center, Fac Medicine, Kagawa Univ, Kagawa, JAPAN.

SP082
THE ROLE OF SODIUM HYDROSULFIDE ON HYDROGEN SULFIDE GENERATING PATHWAY, NITRIC OXIDE PATHWAY, AND RENIN ANGIOTENSIN SYSTEM IN SPONTANEOUSLY HYPERTENSIVE RATS
You-Lin Tain1, Chien-Ning Hsu2, 1Kaohsiung Chang Gung Memorial Hosp, Pediatrics, Kaohsiung, TAIWAN, 2Kaohsiung Chang Gung Memorial Hosp, Pharmacy, Kaohsiung, TAIWAN.
PROTEOMIC ANALYSIS OF KIDNEYS FROM SPONTANEOUSLY HYPERTENSIVE AND NORMAL RATS REVEALS CLIC-4, AS A PUTATIVE BIOMARKER IN HYPERTENSIVE NEPHROPATHY

A. Hatziioannou1, G. Barkas1, E. Critselis1, J. Zoidakis1, A. Vlachou1, A. Charonis1, D. V. Vlahakos2, 1Biomedical Research Foundation of the Academy of Athens, Biology, Athens, GREECE, 2National and Kapodistrian Univ Athens Medical School, Nephrology Dept, Athens, GREECE.

INCREASED APOPTOSIS AND DECREASED EXPRESSION OF NEPHRIN IN AGING SPONTANEOUSLY HYPERTENSIVE RATS (SHRS)

A. Volakaki1, P. E. Tsilibari1, G. Drossopoulou1, D. V. Vlahakos2, 1Inst Biosciences & Applications, NCSR Democritos, Lab Cell & Matrix Pathobiology, Athens, GREECE, 2Attikon Univ Hosp, Nephrology Dept, Athens, GREECE, 3National and Kapodistrian Univ Athens Medical School, Nephrology Dept, Athens, GREECE.

DUALITY OF CALCITRIOL-BASED INHIBITION OR PROPAGATION OF VASCULAR CALCIFICATION IN VITRO IS DEPENDENT ON NORMAL OR HIGH CALCIUM LEVELS, RESPECTIVELY.

Bruno Svajger1, Rachel M. Holden2, Michael A. Adams1, 1Queen’s Univ, Dept Biomedical and Molecular Sciences, Kingston, ON, CANADA, 2Queen’s Univ, Dept Medicine, Kingston, ON, CANADA.

SEQUENTIAL ACTIVATION OF THE INTRARENAL RENIN ANGIOTENSIN SYSTEM IN THE PROGRESSION OF HYPERTENSIVE NEPHROPATHY IN GOLDBLATT RATS

Yang Gyun Kim, Da Wun Jeong, Yu Ho Lee, Sang Ho Lee, Ju Young Moon, Kyung-Hwan Jeong, Tae Won Lee, Chun-Gyoo Ihm, Kyung Hee Univ, Nephrology, Seoul, KOREA.

ALTERED RENAL TIGHT JUNCTION PROTEIN EXPRESSION AND PRESSURE NATRIURESIS IN DAHL SALT-SENSITIVE RATS

Gheun-Ho Kim1, Chor Ho Jo2, Sua Kim2, Il Hwan Oh2, Joon-Sung Parkj, 1Hanyang Univ College Medicine, Internal Medicine, Seoul, KOREA, 2Hanyang Univ College Medicine, Nephrology, Seoul, KOREA.

ENDOThelial HYpoxia-INDucible FACTOR 2 ALPHA MEDIATES ENDOTHELIAL DYSFUNCTION AND GLOMERULAR LESIONS DURING HYPERTENSIVE NEPHROPATHY


IMPAIRED RENAL ENDOTHELIAL NITRIC OXIDE SYNTHASE AND RETICULOCYTE PRODUCTION AS MODULATORS OF HYPERTENSION INDUCED BY RECOMBINANT HUMAN ERYTHROPOIETIN IN THE RAT

Sandra Ribeiro1, Patricia Garrido2, João Fernandes2, Helena Vala3, Petronila Rocha-Pereira4, Elísio Costa1, Luís Belo1, Flávio Reis2,5, Alice Santos-Silva1, 1Research Unit Applied Molecular Biosciences (UCIBIO), REQUIMTE, Dept Biological Sciences, Lab Biochemistry, Fac Pharmacy, Univ Porto, Porto, PORTUGAL, 2Lab Pharmacology & Experimental Therapeutics, Inst Biomedical Imaging and Life Sciences (IBILI), Fac Medicine, Univ Coimbra, Coimbra, PORTUGAL, 3Center Studies in Education, Technologies and Health (CI&DETS), CITAB, Agrarian School Viseu, Polytechnic Inst Viseu, Viseu, PORTUGAL, 4Health Sciences Research Centre, Fac Health Sciences, Univ Beira Interior, Covilhã, PORTUGAL, 5Center Neuroscience and Cell Biology - Inst Biomedical Imaging and Life Sciences (CNC.IBILI) Research Unit, Univ Coimbra, Coimbra, PORTUGAL.

INVOLVEMENT OF INFLAMMASOMES IN HYPERTENSIVE RENAL INJURY MODEL

Satoru Oka1, Yoko Obata1, Kenta Torigoe1, Shinichi Abe1, Takehiko Koji2, Tomoya Nishino1, 1Nagasaki Univ Hosp, Nephrology, Nagasaki, JAPAN, 2Nagasaki Univ Graduate School Biomedical Sciences, Histology and Cell Biology, Nagasaki, JAPAN.

MATRIX METALLOPROTEINASE INHIBITION ALTERS PATTERNS OF VASCULAR MINERAL ACCRUAL IN EXPERIMENTAL CHRONIC KIDNEY DISEASE

Bruno Svajger1, Jason G. E. Zelt1, Kimberly Laverty1, Rachel M. Holden2, Michael A. Adams1, 1Queen’s Univ, Dept Biomedical and Molecular Sciences, Kingston, ON, CANADA, 2Queen’s Univ, Dept Medicine, Kingston, ON, CANADA.
SP092 ASSOCIATION BETWEEN SALT INTAKE AND BLOOD PRESSURE IN A COMMUNITY-BASED POPULATION: A PROSPECTIVE STUDY
Sayumi Watanabe, Keita Kamei, Akira Araumi, Hiroko Sato, Kazunobu Ichikawa, Tsuneo Konta, Isao Kubota, Yamagata Univ, Dept Cardiology, Pulmonology, and Nephrology, Yamagata, JAPAN.

SP093 AMLODIPINE TREATMENT OF HYPERTENSION ASSOCIATES WITH A DECREASED DEMENTIA RISK
Leonid Feldman1,2, Michal Shani3,2, Shlomo Vinker2, Walter Wasser4, Ilia Beberashvili1,2, Shai Efrati1,2, Issaf Harofeh Medical Center, Nephrology Dept, Zerifin, ISRAEL, 2Tel Aviv Univ, Sackler School Medicine, Tel Aviv, ISRAEL, 3Clalit Health Services, Family Medicine Dept, Rishon LeZion, ISRAEL, 4Technion, Rambam Health Care Campus, Haifa, ISRAEL.

SP094 HIGHER HYPERTENSION PREVALENCE IN MIGRANTS AS ASSESSED BY THE WORLD KIDNEY DAY IN ITALY
Pasquale Esposito1, Elena Caramella1, Marta Calatroni1, Edoardo La Porta1, Stefano Perlini2, Vittorio Emanuele Andreucci3, Alessandro Balducci3, Antonio Dal Canton1, 1IRCCS Policlinico San Matteo

SP095 REDUCED POSTPARTUM URINARY STEROID HORMONE SYNTHESIS IN WOMEN WHO HAVE EXPERIENCED GESTATIONAL HYPERTENSION OR PRE-ECLAMPSIA DURING PREGNANCY
Hiten D. Mistry1, Lesia O. Kurlak1, Bernhard Dick2, Genevieve Escher2, Fiona Broughton Pipkin1, Markus G. Mauhart3, 1Univ Nottingham, Child Health, Obstetrics & Gynaecology, Nottingham, UK, 2Univ Bern, Nephrology, Hypertension & Clinical Pharmacology, Bern, SWITZERLAND, 3Univ Bern, N, Bern, SWITZERLAND.

SP096 TREATMENT OF HYPERTENSION USING TELEMEDICAL HOME BLOOD PRESSURE MEASUREMENTS
Nikolai Hoffmann-Petersen1, Torsten Lauritzen2, Jesper Bech3, Erling Bjerregaard Pedersen3, 1Holstebro Hosp, Univ Clinic Nephrology and Hypertension, Dept Medical Research, Holstebro, DENMARK, 2Section General Practice, Aarhus Univ, Dept Public Health, Aarhus, DENMARK, 3Holstebro Hosp, Univ Clinic Nephrology and Hypertension, Dept Medical Research and Medicine, Holstebro, DENMARK.

SP097 ATTENUATED DIURNAL BLOOD PRESSURE RHYTHM IN HIV INFECTION IS ASSOCIATED WITH LOWER CD4 CELL COUNTS
Ingerd W. Manner1, Bard Waldum-Grevbo1, Olav Oektedalen2, Ingrid Os3, 1Oslo Univ Hosp, Nephrology, Oslo, NORWAY, 2Oslo Univ Hosp, Infectious Diseases, Oslo, NORWAY, 3Univ Oslo, Fac Medicine, Inst Clinical Medicine, Oslo, NORWAY.

SP098 THE RELATIONSHIP BETWEEN SERUM ALBUMIN LEVELS AND 24 HOUR AMBULATORY BLOOD PRESSURE MONITORING RECORDINGS IN NON-DIABETIC ESSENTIAL HYPERTENSIVE PATIENTS
Elbis Ahbap1, Tamer Sakaci1, Ekrem Kara2, Tuncay Sahutoglu1, Yener Koc1, Taner Basturk1, Mustafa Sevinc1, Cuneyt Akgoz1, Arzu Ozdemir Kayalar1, Zuhal Atan Ucar1, Feyza Caglayan Bayraktar1, Nuri Baris Hasball1, Mahmoud Isleem1, Perin Nazif1, Abdulkadir Unsal1, 1Sisli Hamidiye Etfal Training and Research Hosp, Nephrology, Istanbul, TURKEY, 2Recep Tayyip Erdogan Universitiy Medical Fac, Dept Internal Medicine, Fac Medicine, Istanbul, TURKEY.

SP099 SERUM URIC ACID LEVELS AND INFLAMMATORY MARKERS WITH RESPECT TO DIPPING STATUS: A RETROSPECTIVE ANALYSIS OF HYPERTENSIVE PATIENTS WITH OR WITHOUT CHRONIC KIDNEY DISEASE
Abdulkadir Unsal1, Elbis Ahbap1, Tamer Sakaci1, Ekrem Kara2, Tuncay Sahutoglu1, Yener Koc1, Taner Basturk1, Cuneyt Akgoz1, Mustafa Sevinc1, Arzu Ozdemir Kayalar1, Zuhal Atan Ucar1, Feyza Caglayan Bayraktar1, Nuri Baris Hasball1, Mahmoud Isleem1, Perin Nazif1, 1Sisli Hamidiye Etfal Training and Research Hosp, Nephrology, Istanbul, TURKEY, 2Recep Tayyip Erdogan Universitiy Medical Fac, Dept Internal Medicine, Fac Medicine, Istanbul, TURKEY.
SP101  
THE ROLE OF ARTERIAL HYPERTENSION IN SYSTEMIC SCLEROSIS IN THE PROGNOSIS OF RENAL FUNCTION IN THE LONG-TERM OBSERVATION (5 YEARS)  
Viktor Semenov1, Tatiana Lysunets2, Oleksandr Kuryata1, 1State Establishment Dniepropetrovsk Medical Academy of Health Ministry of Ukraine, Internal Medicine #2, Dniepropetrovsk, UKRAINE, 2Municipal Institution Mechanikov Dniepropetrovsk regional clinic, Rheumatology Dept, Dniepropetrovsk, UKRAINE.

SP102  
THE AMBULATORY SALT SENSITIVITY INDEX BASED ON AMBULATORY BLOOD PRESSURE MONITORING IS INDEPENDENT OF SALT INTAKE  
Pablo Amair1, José A. Octavio2, Eglé Silva3, José J. Villasmil4, Gianfranco Parati5, 1Hosp Clínicas Caracas, Nefrology, Caracas, VENEZUELA, 2Hosp Clinicas Caracas, Cardiology, Caracas, VENEZUELA, 3Inst Investigaciones Enfermedades Cardiovasculares, Univ Zulia, Cardiology, Maracaibo, VENEZUELA, 4Fundacion Venezolana Hipertension Arterial, Statistics, Maracaibo, VENEZUELA, 5Univ Milano Bicocca, Medicine and Surgery, Milan, ITALY.

SP103  
IMPACT OF RENAL DENERVATION (RDN) ON CENTRAL BLOOD PRESSURE AND ARTERIAL STIFFNESS IN PATIENTS WITH CHRONIC KIDNEY DISEASE (CKD): PRAIRIE RDN STUDY  
Bhanu Prasad1, Jennifer St.onge2, Kunal Goyal3, Payam Debghani4, 1Regina Qu’Appelle Health Region, Nephrology, Regina, SK, CANADA, 2Regina Qu’Appelle Health Region, Research and Performance Support, Regina, SK, CANADA, 3Regina Qu’Appelle Health Region, Radiology, Regina, SK, CANADA, 4Regina Qu’Appelle Health Region, Cardiology, Regina, SK, CANADA.

SP104  
INTRADIALITIC BLOOD PRESSURE PATTERNS: ROLE OF PULMONARY HYPERTENSION  
Luciano De Paola1, Marco Vatrano2, Maria Teresa Panzino1, Cinzia Donato1, Giuseppe Chialeria1, Antonio Panzino1, Giuseppe Coppolino1, Salvatore Mileti1, Angela Rosa Pinciaroli1, 1A.O. Pugliese-Ciaccio, Nephrology, Catanzaro, ITALY, 2AO Pugliese-Ciaccio, Cardiology, Catanzaro, ITALY.

SP105  
THE ASSESSMENT OF ANION GAP IN PATIENTS WITH HYPERTENSION  
Abbas Ali Zeraati1, Fatemeh Nazemian2, Seyed Hessien Mostafania3, Tina Zeraati4, 1Kidney Transplantation Complications Research Center, Mashhad Univ Medical Sciences, Internal Medicine, Mashhad, IRAN, 2Kidney Transplantation Complications Research Center, Internal Medicine, Mashhad, IRAN, 3Kidney Transplantation Complications Research Center, Internal Medicine, Mashhad, IRAN, 4Student Research Committee Mashad Univ Medical Sciences, Internal Medicine, Mashhad, IRAN.

SP106  
ANTIHYPERTENSIVE EFFICACY OF COMBRETUM MICRANTHUM AND HIBISCUS SABDARIFIA: A RANDOMIZED CONTROLLED TRIAL VERSUS RAMIPRIL.  
Sidy M. Seck1,2, Assane E. Diop3, Dominique Doupa4,2, Fary E. Ka5, Boucar Diouf6, Lamine Guene6, 1Univ Gaston Berger, Internal Medicine and Nephrology, Saint-Louis, SENEGAL, 2Centre Mixte Internationale UMI 3189 ESS, Groupe Maladies Chroniques Non Transmissibles, Saint-Louis, SENEGAL, 3Pharmacie de l’Orangerie, Pharmacie, Geneva, SWITZERLAND, 4Univ Gaston Berger, Biochemistry, Saint-Louis, SENEGAL, 5Univ Cheikh Anta Diop, Nephrology, Dakar, SENEGAL, 6Centre Mixte Internationale UMI 3189 ESS, Groupe Maladies Chroniques Non Transmissibles, Dakar, SENEGAL.

SP107  
PULMONARY HYPERTENSION AS A FACTOR FOR CARDIAC REMODELING IN NON−DIALYSIS−DEPENDENT AND DIALYSIS−DEPENDENT CHRONIC KIDNEY DISEASE PATIENTS  
Maria Vasiliev1, Tatiana Rudenko1, Mikhail Svetsov1, Nina Solomakhina2, Irina Kutyrina1, 1M. Sechenov First Moscow State Medical Univ, Dept and Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2M. Sechenov First Moscow State Medical Univ, Cardiology Dept, Moscow, RUSSIAN FEDERATION.

SP108  
RENA L DENERVATION IN HYPERTENSIVE PATIENTS NOT ON BLOOD PRESSURE LOWERING DRUGS  
Margreet Sanders1, Rosa de Jager1, Michiel Bots2, Melvin Lobo3, Peter Blankestijn1, 1Univ Medical Center Utrecht, Dept Nephrology and Hypertension, Utrecht, NETHERLANDS, 2Univ Medical Center Utrecht, Julius Center for Health Sciences and Primary Care, Utrecht, NETHERLANDS, 3Queen Mary Univ London, William Harvey Research Inst, Barts NIHR Cardiovascular Biomedical Research Unit, London, UK.

SP109  
THE USE OF SPECTROSCOPIC BIO-IMPEDANCE TO ASSESS PRE-HEMODIALYSIS VOLUME OVERLOAD IN PREVALENT PATIENTS CORRELATES WITH DECREASED SERUM ATRIAL NATRIURETIC PePTIDE AND MINOR DOSES OF ANTIHYPERTENSIVE MEDICATION  
Karina Renoirte, Carlos Rosales, Jonathan Iniguez, Guillermo Garcia, Hosp Civil Guadalajara, Nephrology, Guadalajara, MEXICO.
SP110
RESISTANT HYPERTENSION: A COMPARATIVE STUDY IN FOUR TYPES OF HYPERTENSIVE PATIENTS
Daniela A. Motelii1, Adelina Mihaeșcu2, Adalbert Schiller2, 1Emergency County Hosp Timisoara, Nephrology, Timisoara, ROMANIA, 2V. Babes Univ Medicine and Pharmacy Timisoara

SP111
RENA L FUNCTIONAL RESERVE AND RENAL HEMODYNAMICS IN HYPERTENSIVE PATIENTS
Abduzhappar Gaipov1, Yalcin Solak2, Nurlan Zhampeissov3, Aliya Dzholdasbekova4, Nadezhda Popova5, Miklos Z. Molnar6, Saltanat Tuganbekova7, 1National Scientific Medical Research Center, Extracorporeal Hemocorrection, Astana, KAZAKHSTAN, 2Sakarya Univ Research and Training Hosp, Nephrology, Sakarya, TURKEY, 3National Scientific Medical Research Center, Functional Diagnostics, Astana, KAZAKHSTAN, 4National Scientific Medical Research Center, Cardiology, Astana, KAZAKHSTAN, 5National Scientific Medical Research Center, Biochemistry, Astana, KAZAKHSTAN, 6Univ Tennessee Health Science Center, Nephrology, Memphis, TN, 7National Scientific Medical Research Center, Internal Medicine, Astana, KAZAKHSTAN.

SP112
DIURNAL VARIATION OF CENTRAL AORTIC PRESSURE AND AORTIC-TO-BRACHIAL PULSE PRESSURE AMPLIFICATION IN HEMODIALYSIS PATIENTS
Panagiotis I. Georgianos1, Antonios Karpetas1, Athanasios Bikos1, Georgios Koutroumbas2, Vasilieos Raptis1, Christos Syrganis2, Kostantinos Movrmatidis3, Vassilios Liakopoulos1, Pantelis A. Sarafidis1, 1AHEPA Univ Hosp, Section Nephrology and Hypertension, First Dept Medicine, Thessaloniki, GREECE, 2General Volos, Hemodialysis Unit, Volos, GREECE, 3General Hosp Rodopi, Hemodialysis Unit, Thessaloniki, GREECE, 4Hippokration Univ Hosp, Dept Nephrology, Thessaloniki, GREECE.

SP113
SALT INTAKE IN PATIENTS WITH HYPERTENSION AND ASSOCIATED FACTORS, POPULATION STUDY
Julio Chevarría1, Juan Carlos Sevilla2, Rosa García-Osuna1, Grupo Estudio SODIO, 1Palamós Hosp, Nephrology, Palamós, SPAIN, 2Palamós Hosp, Cardiology, Palamós, SPAIN.

SP114
THE ROLE OF ESTABLISHING RENAL RESISTIVE INDEX IN HYPERTENSIVE NEPHROPATHY
Alina Mihaela Stanigut, Liliana Tuta, Ovidius Univ Constantza, Nephrology, Constantza, ROMANIA.

SP115
RELATIONSHIP BETWEEN SERUM SODIUM LEVELS AND CIRCADIAN BLOOD PRESSURE ABNORMALITIES IN PATIENTS WITH PRIMARY NEPHROTIC SYNDROME
Kotaro Haruhara, Nobuo Tsuboi, Kentaro Koike, Go Kanaki, Yusuke Okabayashi, Yoichi Miyazaki, Tetsuya Kawamura, Makoto Ogura, Takashi Yokoo, Jikei Univ School Medicine, Div Nephrology and Hypertension, Dept Internal Medicine, Tokyo, JAPAN.

SP116
ENDOCAN CONCENTRATION IN HYPERTENSIVE PATIENTS
Dominika Musiałowska, Edyta Zbroch, Ewa Koc-Zorawska, Jolanta Malyszko, Medical Univ Białystok, Second Dept Nephrology with Hypertension and Dialysis Unit, Białystok, POLAND.

SP117
PATIENTS WITH ADVANCED KIDNEY DISEASE AND NEPHROANGIOSCLEROSIS DO NOT BENEFIT OF STRICT BLOOD PRESSURE CONTROL
Simone Vettorettil1, Lara Caldironi2, Valeria Azzini3, Roberto Mezza3, Carlo Alfierii2, Piergiorgio Messa2, 1IRCCS Ca’ Granda Osp Maggiore Policlinico, Unit Nephrology Dialysis and Kidney Transplantation, Milan, ITALY, 2Fondazione IRCCS Ca’ Granda Osp Maggiore Policlinico Milano, Unit Nephrology Dialysis and Kidney Transplantation, Milan, ITALY, 3Fondazione IRCCS Ca’ Granda Osp Maggiore Policlinico Milano, Unit Cardiology, Milan, ITALY, 4Fondazione IRCCS Ca’ Granda Osp Maggiore Policlinico Milano, Nephrology Dialysis and Kidney Transplantation, Milan, ITALY.

SP118
PREVALENCE OF HYPERTENSION AND ITS DETERMINANTS IN A RURAL COMMUNITY IN SOUTH INDIA: A CROSS-SECTIONAL, OBSERVATIONAL STUDY
Anupama Y. Janardhana, Dr, Nanjappa Hosp, Nephrology, Shimoga, INDIA.

SP119
EVALUATION OF AMBULATORY BLOOD PRESSURE MEASUREMENT IN A COHORT OF PATIENTS AFFECTED BY CHRONIC KIDNEY DISEASES
Carlo M. Alfieri1, Simone Vettorettil1, Roberto Mezza2, Valeria Azzini2, Lara Caldironi1, Elisabetta Margiottia1, Dalila Guenzan1, Piergiorgio Messa1, 1Fondazione IRCCS Ca’ Granda Osp Policlinico Maggiore Milano, Nephrology, Dialysis and Renal Transplantation, Milan, ITALY, 2Fondazione IRCCS Ca’ Granda Osp Policlinico Maggiore Milano, Cardiology, Milan, ITALY.
SP120 CHANGE IN GLOMERULAR FILTRATION RATE AND RENAL BIOMARKERS IN PATIENTS WITH CHRONIC KIDNEY DISEASE DUE TO ALPORT SYNDROME: INTERIM RESULTS FROM THE ATHENA STUDY, A PROSPECTIVELY DESIGNED NATURAL HISTORY STUDY
Michelle Rheault1, Oliver Gross2, Gerald Appel3, James Simon4, Bertrand Knebelmann5, Paul Grint6, Jacqueline Blem6, Michael Huang6, Ed Lombardi7, 1Univ Minnesota Children's Hosp, Pediatric Nephrology, Minneapolis, MN, 2Univ Medicine Goettingen, Nephrology and Rheumatology, Goettingen, GERMANY, 3Columbia Univ Medical Center, Nephrology, New York, NY, 4Cleveland Clinic, Nephrology, Cleveland, OH, 5Hop Necker, Univ Paris Descartes, Service Nephrologie-Dialyse, Paris, FRANCE, 6Regulus Therapeutics, Clinical Development, San Diego, CA, 7Agility Clinical, Biostatistics, Carlsbad, CA.

SP121 RANDALL-TYPE MIDD: THE DISEASE SPECTRUM
Florent Joly1, Camille Cohen2, Vincent Javaugue1, Bertrand Arnulf1, Bertrand Knebelmann2, Bruno Royer4, Mathilde de Nouvier5, Vincent Audard6, Dominique Nochy7, Francois Provot8, Arnaud Jaccard1, Celine Debias Delpech10, Jean Paul Fermard3, Frank Bridoux1, 1CHU Poitiers, Nephrology, Poitiers, FRANCE, 2Hôp Necker, Nephrology, Paris, FRANCE, 3Hôp Saint Louis, Immunology and Hematology, Paris, FRANCE, 4CHU Amiens, Hematology, Amiens, FRANCE, 5CHU Lyon Sud, Nephrology, Lyon, FRANCE, 6Hop Henri Mondor, Nephrology, Creteil, FRANCE, 7HEGP, Pathology, Paris, FRANCE, 8CHU Lille, Nephrology, Lille, FRANCE, 9CHU Limoges, Hematology, Limoges, FRANCE, 10CHU Poitiers, Pathology, Poitiers, FRANCE.

SP122 MIR-143 DEPENDENT DOWNREGULATION OF PODOCYTIC AND ENDOTHELIAL GLYCOALyx PROTEINS CAUSES PROTEINURIA
Janina Müller-Deile1, Finn Gellrich1, Patricia Schröder2, Heiko Schenk1, Jenny Nystrom3, Peidi Liu3, Johann Lorenzen1, Thomas Thum4, Hermann Haller1, 1Hannover Medical School, Nephrology, Hannover, GERMANY, 2Mount Desert Island Biological Lab, Nephrology, Salisbury Cove, GERMANY, 3Univ Gothenburg, Sahlgrenska Academy, Gothenburg, SWEDEN, 4Hannover Medical School, Inst Molecular and Translational Therapeutic Strategies, Hannover, GERMANY.

SP123 MICRO-RNA REGULATED NEPHRONECTIN IS IMPORTANT FOR PODOCYTES AND GLOMERULAR BASEMENT MEMBRANE INTERACTIONS
Janina Müller-Deile1, Jan Dammenberg1, Patricia Schröder2, Johan Lorenzen1, Thomas Thum3, Nystrom Nystrom4, Peidi Liu3, Hermann Haller1, Mario Schiffer1, 1Hannover Medical School, Nephrology, Hannover, GERMANY, 2Mount Desert Island Biological Laboratory, Nephrology, Salisbury Cove, ME, 3Hannover Medical School, Inst Molecular and Translational Therapeutic Strategies, Hannover, GERMANY, 4Univ Gothenburg, Sahlgrenska Academy, Gothenburg, SWEDEN.

SP124 GLOMERULAR GALACTOSE-DEFICIENT IGA1 IS SPECIFIC FOR IGA NEPHROPATHY
Hitoshi Suzuki, Yuko Makita, Miyuki Takagi, Toshiki Kano, Chieko Nogi, Akiko Takahata, Yusuke Suzuki, Juntendo Univ Fac Medicine, Nephrology, Tokyo, JAPAN.

SP125 ASQ Travel Grant (see page 32)
THE HISTOPATHOLOGIC SPECTRUM OF KIDNEY BIOPSIES IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE
Khalfaoui Mohamed Amine, CHU Ibn Rochd Casablanca, Casablanca, MOROCCO.

SP126 RITUXIMAB IS AN EFFECTIVE THERAPY FOR CALCINEURIN INHIBITOR RESISTANT/DEPENDENT OR INTERLEUTANT NEPHROTIC SYNDROME DUE TO IDIOPATHIC MINIMAL CHANGE DISEASE AND FOCAL SEGMENTAL GLOMERULOSCLEROSIS IN ADULTS
Indu R. Rao1, Harbir S. Kohli1, Raja Ramachandran1, K L. Gupta1, Ranjana W. Minz2, 1PGIMER, Nephrology, Chandigarh, INDIA, 2PGIMER, Immunopathology, Chandigarh, INDIA.

SP127 THE CLINICAL SIGNIFICANCE OF PLA2R ANTIBODIES AND C3 DEPOSITION IN THE PROGRESSION OF MEMBRANOUS NEPHROPATHY
Ummu Korkmaz1, Ozan Yegiit1, Gulshat Ilyasova2, Erol Demir2, Okgur Akin Oto2, Halil Yazici2, Yasar Caliskan2, Aydin Turkmen2, Mehmet Sukru Sever2, 1Istanbul Fac Medicine, Istanbul Univ, Dept Internal Medicine, Istanbul, TURKEY, 2Istanbul Fac Medicine, Istanbul Univ, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.
SP128
HIGH NT-PRO-BNP LEVELS ARE ASSOCIATED WITH CARDIAC STRUCTURAL CHANGES IN PATIENTS WITH NEPHROTIC SYNDROME
Zorica Dimitrijevic, Branka Mitic, Emina Kostic, Jelena Kostic, Jasmina Radivojevic, Danijela Tasic, Clinic Nephrology, Clinical Center, Nis, SERBIA.

SP129
COMPARATIVE TRANSCRIPTOME PROFILING OF THE SPLEEN AND KIDNEYS BY NEXT GENERATION SEQUENCING IN A LUPUS MURINE MODEL REVEALS NOVEL MOLECULAR PATHWAYS
Eleni Frangou1, Maria Grigoriou1, Aggelos Banois1, George Beritsias2, Emmanuel Dermitzakis1, Dimitrios Boumpas3, 1BRFAA, Clinical, Experimental, Surgery and Translational Research, Attica, GREECE, 2Univ Crete, Medical School, Crete, GREECE, 3Univ Athens, Medical School, Attica, GREECE.

SP130
REPEAT RENAL BIOPSY IMPROVES OXFORD CLASSIFICATION BASED PREDICTION OF IGA NEPHROPATHY OUTCOME
Perrine Jullien1,2, Eric Alamartine1,2, Christophe Mariat1,2, Francois Berthoux1, Blandine Laurent1, Nicolas Maillard1,2, ICH Saint Etiene, Loire, Saint Etiene, FRANCE, 2Jean Monnet Univ, Loire, Saint Priest en Jarez, FRANCE.

SP131
ANTI-CYCLIC CITRULLINATED PEPTIDE ANTIBODY AS A MARKER OF EROSIve ARTHRITIS IN PATIENTS WITH LUPUS NEPHRITIS
Daniela Monova1, Simeon Monov2, Evgeniya Peneva1, 1Medical Inst, Dept Internal Diseases, Sofia, BULGARIA, 2Medical Univ, Dept Rheumatology, Sofia, BULGARIA.

SP132
CD80 AND SUPAR - PROMISING BIOMARKERS OF PODOCYTOPATHIES?
Katarzyna Griewek, Magdalena Krajewska, Katarzyna Jakuszko, Katarzyna Koscielska-Kasprzak, Marta Myszka, Marian Klinger, Wroclaw Medical Univ Poland, Dept and Clinic Nephrology and Transplantation Medicine, Wroclaw, POLAND.

SP133
IGA VASCULITIS (HENOCH-SCHONLEIN PURPURA): REFRACTORY AND RELAPSING DISEASE COURSE IN THE ADULT POPULATION
Els Van de Perre1,2, Rachel B. Jones1, David R. W. Jayne1, Iddendenbrooke’s Hosp, Cambridge Univ Hosps, Dept Renal Medicine, Vasculitis and Lupus Clinic, Cambridge, UK, 2Univ Ziekenhuis Brussel, Vrije Univ Brussel, Dept Nephrology, Brussels, BELGIUM.

SP134
GUT - KIDNEY AXIS IN THE PATHOGENESIS OF IGA NEPHROPATHY
Gabriella Lauriero1, Eustachio Montemurro1, Maria De Angeli2, Valentina Maranzano1, Lucia Vannini3, Maria Piccolo2, Stella Diamante1, Marco Gobbetti2, Loreto Gesualdo1, 1Univ Bari, Dept Emergency and Organ Transplantation, Nephrology Unit, Bari, ITALY, 2Univ Bari, Dept Soil, Plant and Food Sciences, Bari, ITALY, 3Univ Bologna, Dept Agricultural and Food Sciences, Bologna, ITALY.

SP135
ANTIGLYCAN IGG AUTOANTIBODY PREDICTS THE OXFORD CLASSIFICATION SCORES S AND T IN IGA NEPHROPATHY
Nicolas Maillard1, Hitoshi Suzuki2, Blandine Laurent3, Hiroyuki Yanagawa2, Bruce A. Julian4, Christophe Mariat5, Jan Novak2, Francois Berthoux1, 1CHU Saint Etienne, Réanimation Néphrologique et Transplantation Renale, Saint Etienne, FRANCE, 2Univ Alabama Birmingham, Dept Microbiology, Birmingham, AL, 3CHU Saint Etienne, Lab Cytologie, Histologie Renale et Embryologie, Saint Etienne, FRANCE, 4Univ Alabama Birmingham, Dept Nephrology, Birmingham, AL, 5CHU Saint Etienne, Néphrologie, Dialyse, Transplantation Renale, Saint Etienne, FRANCE.

SP136
MIR-155 MEDIATED T LYMPHOCYTE SUBGROUP DRIFTING IS RELATED TO IGA NEPHROPATHY
Wei Qin, Xuhua Mi, Xiaoyan Zhang, West China Hosp Sichuan Univ, Dept Nephrology, Chengdu, CHINA.

SP137
THE EFFECT OF AQUAPORIN-2 ON THE EFFICACY OF TOLVAPTAN IN PATIENTS WITH NEPHROTIC SYNDROME
Eichi Sato1, Tsukasa Nakamura2, Mayuko Amaha2, Mayumi Nomura2, DaiSuke Matsumura2, Akiko Fujii1, Yuko Ono1, Yoshihiko Ueda1, 1Dokkyo Medical Univ, Koshigaya Hosp, Dept Pathology, Koshigaya, Saitama Prefecture, JAPAN, 2Shinmatsudo Central General Hosp, Div Nephrology, Dept Internal Medicine, Matsudo City, Chiba Prefecture, JAPAN.

SP138
GLOMERULAR DISEASE IN OBESE PATIENTS: NOT ALWAYS FSGS
Jennifer Lees, Bruce Mackinnon, Jonathan G. Fox, Colin C. Geddes, Emily P. McQuarrie, Queen Elizabeth Univ Hosp Glasgow, Glasgow Renal and Transplant Unit, Glasgow, UK.
SPI139  
MESANGIAL LUPUS NEPHRITIS WITH OR WITHOUT PODOCYTOPATHY: TWO DIFFERENT CLASSES OF LUPUS NEPHRITIS  

SPI140  
KDIGO 2012 CLASSIFICATION AND URINARY ALBUMIN EXCRETION RATE (%UAE) AS PREDICTIVE FACTORS OF RENAL BIOPSY LESIONS IN PARAPROTEIN ASSOCIATED DISEASE  
Marisa Santostefano1, Elena Zamagni2, Valentina Demelas1, Giulia Schiavone1, Katia Mancuso2, Michele Cavo2, Elena Mancini1, 1Policlinico Sant’Orsola Malpighi, Insufficienza Organo e Trapianti, Bologna, ITALY, 2Policlinico Sant’Orsola Malpighi, Oncologia e Ematologia, Bologna, ITALY.

SPI141  
CLINICAL SIGNIFICANCE OF NEW REMISSION CRITERIA OF IGA NEPHROPATHY FOR RENAL PROGNOSIS: A RETROSPECTIVE JAPANESE MULTICENTER LARGE COHORT STUDY  
Keiichi Matsuzaki1, Yusuke Suzuki2, Hitoshi Suzuki2, Satoshi Horikoshi2, Tetsuya Kawamura3, Yoshinari Yasuda4, Takanishi Yasuda5, Seiichi Matsuo4, Shoichi Maruyama4, 1Kytoto Univ, Health Service, Kyoto, JAPAN, 2Juntendo Univ, Div Nephrology, Dept Internal Medicine, Tokyo, JAPAN, 3Jikei Univ School Medicine, Div Nephrology and Hypertension, Tokyo, JAPAN, 4Nagoya Univ, Dept Nephrology, Nagoya, JAPAN, 5S. Mariannna School Medicine, Div Nephrology and Hypertension, Dept Internal Medicine, Kawasaki, JAPAN.

SPI142  
DOES HEMATURIA AT THE TIME OF RECURRENCE AFTER THE CLINICAL REMISSION OF IGA NEPHROPATHY INFLUENCE THE LONG-TERM RENAL PROGNOSIS?  
Takayuki Fujii, Satoshi Suzuki, Mizuki Shinzokai, Kaiji Saito, Junya Koshizaka, Noriko Oka, Hiroaki Tanaka, Seiirei Sakura Citizen Hosp, Kidney Center, Sakura City, JAPAN.

SPI143  
EULAR/ERA-EDTA RECOMMENDATIONS FOR THE MANAGEMENT OF ANCA-ASSOCIATED VASCULITIS  
Max Yates1, Richard Watts2, Niilüfer Nilüfer3, Ingeborg Bajema4, Mark Little5, Marten Segelmark6, Vladimir Tesar7, Kerstin Westman8, Augusto Vaglio9, Janice Moooney1, Maria Cid10, Bruno Crestani11, Thomas Hauser12, Bernard Hellmich13, Julia Holle14, Martin Laudien15, Raashid Luqmani16, Alfred Mahr17, Peter Merkell18, John Mills19, David Jayne20, Chetan Mukhtyar Mukhtyar1, 1Norwich Medical School, Rheumatology, Norwich, UK, 2Ipswich Hosp, Rheumatology and Immunology, Ipswich, UK, 3Univ Ankara, Dept Ophthalmology, Ankara, TURKEY, 4Leiden Univ Medical Centre, Pathology, Leiden, NETHERLANDS, 5Trinity College Dublin, Nephrology, Dublin, IRELAND, 6Univ Linkoping, Nephrology, Linkoping, SWEDEN, 7Charles Univ, Nephrology, Prague, CZECH REPUBLIC, 8KU Leuven, UH Leuven, Nephrology, Leuven, BELGIUM, 9Univ Hamburg, Dept Nephrology, Hamburg, GERMANY, 10Univ Tübingen, Dept Nephrology, Tübingen, GERMANY, 11Univ Oxford, Dept Nephrology, Oxford, UK, 12Hop Saint-Louis, Internal Medicine, Paris, FRANCE, 13Univ of Washington, Rheumatology, Seattle, USA, 14Univ Heidelberg, Rheumatology, Heidelberg, GERMANY, 15Univ Zurich, Dept Rheumatology, Zurich, SWITZERLAND, 16Univ of Western Australia, Dept Medicine, Perth, AUSTRALIA, 17Univ of Toronto, Dept Medicine, Toronto, CANADA, 18Univ of British Columbia, Dept Medicine, Vancouver, CANADA, 19Univ of Cambridge, Dept Medicine, Cambridge, UK, 20Univ of Sydney, Dept Medicine, Sydney, AUSTRALIA.

SPI144  
RITUXIMAB THERAPY FOR IDIOPATHIC NEPHROTIC SYNDROME  
Iara Dasilva1, Luis Quintana2, Juliana Draibe3, Elena Iglesias4, Jose Aurelio Ballarin5, Montserrat Diaz-Encarnacion5, 1Fundacio Puigvert, Nephrology, Barcelona, SPAIN, 2HospitalClinicBarcelona, Nephrology, Barcelona, SPAIN, 3Hospital Clinic Barcelona, Nephrology, Barcelona, SPAIN, 4Dept Nephrology, Vall d’Hebron Hosp, Nephrology, Barcelona, SPAIN, 5Fundació Puigvert, IIB Sant Pau, REDinREN, Nephrology, Barcelona, SPAIN.

SPI145  
The Effect of AutoLOGous HemAtopoietic Stem Cell Transplantation for refractory systeMIC LUPUS Erythematous  
Saltanat Tuganbekova1, Natalya Krivoruchko1, Lina Zaripova1, Manarbek Askarov2, Gulnar Rakhimbekova2,3, Karlygash Kuzembayeva1, 1National Scientific Medical Research Center, Dept Nephrology and Rheumatology, Astana, KAZAKHSTAN, 2National Scientific Medical Research Center, Ustruis Internal Medicine, Astana, KAZAKHSTAN, 3Medical Univ Astana, Dept Internal Medicine, Astana, KAZAKHSTAN.

SPI146  
The role of b7.1 and suPAR in podocyte injury and focal segmental glomerulosclerosis  
SP147
PREVALENCE OF M-TYPE PHOSPHOLIPASE A2 RECEPTOR (PLA2R) AND THROMBOSPONDIN TYPE-1 DOMAIN-CONTAINING 7A (THSD7A) IN THE GLOMERULAR DEPOSITS OF JAPANESE MEMBRANOUS NEPHROPATHY
Norifumi Hayashi, Yuki Matsui, Junko Imura, Keiji Fujimoto, Hiroki Adachi, Hideki Yamaya, Hitoshi Yokoyama, Kanazawa Medical Univ, Dept Nephrology, Ishikawa, JAPAN.

SP148
COSTIMULATORY BLOCKADE AS AN OPTION IN THE TREATMENT OF GLOMERULONEPHRITIS
Katharina Artinger1, Alexander H. Kirsch1, Daniel J. Cooper2, Ida Aringer1, Corinna Schabhüttl3, Philip Eller3, Peter J. Lane2, Alexander R. Rosenkranz1, Kathrin Eller1, 1Medical Univ Graz, Dept Internal Medicine, Clinical Div Nephrology, Graz, AUSTRIA, 2Univ Birmingham, Medical Research Council Centre Immune Regulation, Div Immunity and Infection, Birmingham, UK, 3Medical Univ Graz, Dept Internal Medicine, Intensive Care Unit, Graz, AUSTRIA.

SP149
VIMENTIN EXPRESSION AS A RISK FACTOR FOR LUPUS NEPHRITIS WORSENING
Katarzyna Jakuszko1, Magdalena Krajewska1, Marcelina Zabińska1, Katarzyna Kocielska-Kasprzak1, Hanna Augustyniak-Bartosik1, Agnieszka Halon2, Krzysztof Letachowicz1, Marcin Chuc1, Marian Klinger1, 1Wrocław Medical Univ, Dept Nephrology and Transplantation Medicine, Wrocław, POLAND, 2Wrocław Medical Univ, Dept Pathomorphology and Oncological Cytology, Wrocław, POLAND.

SP150
PLASMA LEVELS OF THE SOLUBLE MER TYROSINE KINASE RECEPTOR ARE INDEPENDENTLY ASSOCIATED WITH PROTEINURIA IN LUPUS NEPHRITIS.
Marco Quaglia1, Claudio Musetti1, Fabiola Pagani1, Mattia Bellan2, Guido Merlotti1, Simone Cortazz1, Mario Piri2, Gian Carlo Avanz1, Luigi Castello2, Pier Paolo Sainaghi2, Vincenzo Cantaluppi1, 1Univ Piemonte Orientale, Dip Medicina Traslazionale, Nefrologia e Trapianto, Novara, ITALY, 2Univ Piemonte Orientale, Dip Medicina Traslazionale, Clinica Medica, Novara, ITALY.

SP151
TREATING MEMBRANOUS NEPHROPATHY WITH LOW DOSES OF CYCLOPHOSPHAMIDE OR MYCOPHENOLATE: SIMILAR RESULTS IN EFFICACY AND LOW INCIDENCE OF ADVERSE EVENTS.

SP152
SHORT TERM EFFECTS OF PREDNISONE TREATMENT ON PROTEINURIA AND RENAL FUNCTION IN IGA NEPHROPATHY: RELATION WITH OXFORD CLASSIFICATION.

SP153
URINARY ALPHA 1 ACID GLYCOPROTEIN AS A BIOMARKER OF RENAL DISEASE ACTIVITY IN SYSTEMIC LUPUS ERYTHEMATOSUS
Ihab A. Ibrahim1,2, Sahar Abouelezz3, Ahmed Al-Taweel4, Ihab A. Ibrahim1,2, Sahar Abouelezz3, Ahmed Al-Taweel4, 1Fac Medicine, Dept Nephrology, Cairo Univ, Cairo, Egypt, 2Fac Medicine, Dept Rheumatology, Cairo Univ, Cairo, Egypt, 3Fac Medicine, Dept Clinical Pathology, Cairo Univ, Cairo, Egypt, 4Fac Medicine, Dept Pathology, Cairo Univ, Cairo, Egypt

SP154
SERUM ANTI-PHOSPHOLIPASE A2 RECEPTOR (PLA2R) ANTIBODIES AND GLOMERULAR PLA2R EXPRESSION IN JAPANESE PATIENTS WITH MEMBRANOUS NEPHROPATHY
Kei Hihara, Masayuki Iyoda, Kei Matsumoto, Yukihiro Wada, Taihei Suzuki, Yasutaka Yamamoto, Tomohiro Saito, Ken Iseri, Shohui Tachibana, Takanori Shubata, Showa Univ School Medicine, Div Nephrology, Dept Medicine, Tokyo, JAPAN.

SP155
aPLA2R RELATED PRIMARY MEMBRANOUS NEPHROPATHY IN CHILDREN AND ITS OUTCOME
Vinod Kumar1, Ritambhara Nada2, Deepti Sur1, Anju Gupta3, Harbir S. Kohli1, Vivekanand Jha1, Krishan L. Gupta1, Raja Ramachandra1, 1Postgraduate Inst Medical Education and Research, Nephrology, Chandigarh, INDIA, 2Postgraduate Inst Medical Education and Research, Histopathology, Chandigarh, INDIA, 3Postgraduate Inst Medical Education and Research, Pediatric Allergy Immunology, Chandigarh, INDIA.
SP156
VALIDATION OF HISTOPATHOLOGICAL CLASSIFICATION OF ANCA-ASSOCIATED RENAL VASCULITIS IN A MULTICENTER SPANISH COHORT STUDY
Javier Villacorta1, Francisco Diaz Crespo2, Mercedes Acevedo3, Teresa Cavero4, Carmen Guerrero5, Juan Luis Ordre6, Miguel Angel Martínez6, Manuela Mollejo2, Manuel Praga4, Carmen Fernandez Juarez1, 1Hosp Fundacion Alcorcon, Nephrology, Alcorcon, SPAIN, 2Hosp Virgen de la Salud, Pathology, Toledo, SPAIN, 3Hosp Virgen de la Salud, Nephrology, Toledo, SPAIN, 4Hosp Unv Doce Octubre, Nephrology, Madrid, SPAIN, 5Hosp Fundacion Alcorcon, Pathology, Alcorcon, SPAIN, 6Hosp Univ Doce Octubre, Pathology, Madrid, SPAIN.

SP157
RENAL DYSFUNCTION IN AMYLOIDOSIS: A COMPLEMENT MEDIATED DISEASE?
Ana Carina C. Ferreira1, Fernanda Carvalho2, Ana R. Santos2, Fernando Nolasco1, 1Hosp Curry Cabral, Nephrology, Lisbon, PORTUGAL, 2Hosp Curry Cabral, Renal Morphology Unit, Lisbon, PORTUGAL.

SP158
DIFFUSE ALVEOLAR HEMORRHAGE IN ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY ASSOCIATED VASCULITIS
Hajji Meriam1, Babouch Samia2, Harzallah Amel2, Zammouri Asma2, Gorsane Imen2, Kaaroud Hayet2, Ben Hamida Fethi2, Ben Abdelghani Khaoula2, Ben Abdallah Taieb2, 1Charles Nicolle Hosp, Nephrology, Tunis, TUNISIA, 2Charles Nicolle Hosp, Dept Nephrology, Dialysis And Transplantation, Tunis, TUNISIA.

SP159
PREDICTIVE FACTORS FOR TREATMENT RESPONSE IN CRYOglobulinemic Membranoproliferative Glomerulonephritis Associated With HCV Infection
Oana Obrisca1, Bogdan Obrisca1, Roxana Jurubita1, Andreea Andronesi1,2, Florentina Wagner1, Elena Crisoiu-Strachinaru1, Geni Ismaiel1,2, Fundeni Clinical Inst, Nephrology, Bucharest, ROMANIA, 2Carol Davila Univ, Nephrology and Internal Medicine, Bucharest, ROMANIA.

SP160
ELEVATED SERUM IMMUNOGLOBULIN E LEVELS AS A MARKER FOR PROGRESSION OF IMMUNOGLOBULIN A NEPHROPATHY
Ji-Hoon Lee1, Shin Yeong Lee1, Jin Sug Kim1, Yang Guyn Kim2, Ju Young Moon2, Sang Ho Lee2, Tae Won Lee1, Kyung Hwan Jeong1, Yoo Ho Lee2, Chun Gyoo Ihm1, Da Rae Kim1, Su Woong Jung1, Kyung Hee Univ Medical Center, Dept Internal Medicine, Seoul, KOREA, 2Kyung Hee Univ Hosp Gangdong, Dept Internal Medicine, Seoul, KOREA.

SP161
IFI27 IN PERIPHERAL WHITE BLOOD CELLS IS A USEFUL MARKER FOR IGA NEPHROPATHY
Yasuyuki Nagasawa1,2, Ouzaki Daisuke3, Ryoei Yamamoto2, Eri Muso4, Maki Shinzawa2, Kiyoko Yamamoto1, Tomoko Kimura1, Takeshi Nakanishi1, Yoshitaka Isaka2, Hiroshi Najima3, 1Hyogo College Medicine, Dept Internal Medicine, Div Kidney and Dialysis, Nishinomiya, JAPAN, 2Osaka Univ Graduate School Medicine, Dept Nephrology, Suita, JAPAN, 3Research Inst Microbial Diseases, Osaka Univ, Dept Molecular Genetics, Suita, JAPAN, 4Kitano Hosp, Dept Nephrology, Osaka, JAPAN.

SP162
URINARY AND SERUM MCP-1 AND TYPE IV COLLAGEN LEVELS IN PATIENTS WITH ANCA-ASSOCIATED GLOMERULONEPHRITIS
Nikolay Bulanov1, Anna Serova2, Mayra Bulanova3, Pavel Novikov1, Sergey Moiseev1, ISechenov First Moscow State Medical Univ, Nephrology, Internal and Occupational Diseases, Moscow, RUSSIAN FEDERATION, 2Sechenov First Moscow State Medical Univ, Lab Immunology, Moscow, RUSSIAN FEDERATION, 3Ivanovo State Medical Academy, Dept Internal Medicine and General Practice, Ivanovo, RUSSIAN FEDERATION.

SP163
NEPHROTIC RANGE PROTEINURIA AND SODIUM RETENTION IN MICE IS ASSOCIATED WITH INCREASED URINARY PROTEASE ACTIVITY AND ENAC ACTIVATION
Gitte R. Hinrichs1, Kathrin Weyer2, Ulla G. Friis1, Rikke Nielsen2, Géraldine Mollet3, Corinne Antignac4, Claus Brstrup5, Boje L. Jensen1, Henrik Birn2, 1Univ Southern Denmark, Dept Cardiovascular and Renal Research, Odense, DENMARK, 2Aarhus Univ, Dept Biomedicine, Aarhus, DENMARK, 3Inserm, U1163, Paris, FRANCE, 4Inserm, U983, Paris, FRANCE, 5Dense Univ Hosp, Nephrology, Odense, DENMARK.

SP164
LOW SERUM COMPLEMENT C3 LEVELS AT DIAGNOSIS OF ANCA-ASSOCIATED VASCULITIS IS ASSOCIATED WITH POOR RENAL PROGNOSIS
Jean-François Augusto1, Virginie Langs1, Julien Demiselle1, Benoît Brilland1, Agnès Duveau1, Caroline Poli2, Alain Chevailler2, Anne Croué3, Johnny Sayeghi1, Jean-François Subra1, 1Angers Univ Hosp, Nephrology-Dialysis-Transplantation, Angers, FRANCE, 2Angers Univ Hosp, Immunology Lab, Angers, FRANCE, 3Angers Univ Hosp, Pathology Dept, Angers, FRANCE.
SP165
RISK FACTORS FOR RENAL FLARES IN LUPUS NEPHRITIS AND THE IMPACT OF MYCOPHENOLIC ACID TREATMENT ON RELAPSE
Desmond YH Yap1, Lorraine P. Kwan2, Tak Mao Chan1, 1Univ Hong Kong, Dept Medicine, Hong Kong, HONG KONG, 2Queen Mary Hosp, Dept Medicine, Hong Kong, HONG KONG.

SP166
PAUCI IMMUNE RAPIDLY PROGRESSIVE GLOMERULONEPHRITIS, CLINICAL AND HISTOPATHOLOGICAL DATA. EXPERIENCE FROM CROATIAN UNIV HOSP
Matija Crnogorac1, Miroslav Tisljar1, Horvatic Ivica1, Luka Toric1, Patricia Kacinari1, Mario Pehar1, Danica Ljubanovic Galesi2, Kresimir Galesic1, 1Dubrava Univ Hosp, Dept Nephrology and Dialysis, Zagreb, CROATIA, 2Dubrava Univ Hosp, Dept Pathology, Zagreb, CROATIA.

SP167
RITUXIMAB IN RESISTANT OR FREQUENTLY RELAPSING FOCAL SEGMENTAL GLOMERULOSCLEROSIS IN ADULT PATIENTS: NOT ALWAYS A SMASH RESULT
Raffaella Rizzo, Lucia Barbara De Sanctis, Fausta Catapano, Marisa Santostefano, Elena Mancini, Nephrology, Dialysis, Hypertension Unit- Sant'Orsola- Malpighi Univ Hosp, Bologna, ITALY.
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ACUTE KIDNEY INJURY. EXPERIMENTAL - 1

SPI168
MINCLE MAINTAINS M1 MACROPHAGE ACTIVATION VIA TLR4/NF-KB/SYK TO PROMOTE RENAL INFLAMMATION
Linli Lv1,2, Patrick Tang1, Chun Jie Li1, YongKe You1, XiaoRuo Huang1, Jun Ni1, Min Feng1, Hong Jin1, Bi-Cheng Liu2, Hui-Yao Lan1, Li Ka Shing Inst Health Sciences, Chinese Univ Hong Kong, Hong Kong, HONG KONG, 2Inst Nephrology, Southeast Univ, Nanjing, CHINA.

SPI169
MITOCHONDRIA-TARGETED ANTIOXIDANT SKQ1 PREVENTS ENDOTHELIAL DYSFUNCTION DURING ISCHEMIC ACUTE KIDNEY INJURY
Stanislovas S. Jankauskas1, Dmitry D. Matsievske2, Nadezhda V. Andrianova3, Elena S. Savchenko4, Irina B. Alieva5, Egor Y. Plotnikov1, Dmitry B. Zorov1, 1A.N. Belozersky Inst Physico-Chemical Biology Moscow State Univ, Lab Structure and Function of Mitochondria, Moscow, RUSSIAN FEDERATION, 2Inst General Pathology and Pathophysiology, Bioengineering, Moscow, RUSSIAN FEDERATION, 3Progov Russian National Research Medical Univ, Biochemistry, Moscow, RUSSIAN FEDERATION, 4Lomonosov Moscow State Univ, Fac Bioengineering and Bioinformatics, Moscow, RUSSIAN FEDERATION, 5A.N. Belozersky Inst Physico-Chemical Biology Moscow State Univ, Dept Electron Microscopy, Moscow, RUSSIAN FEDERATION.

SPI170
HISTONE LYSINE-CROTONYLATION IN ACUTE KIDNEY INJURY
Olga Ruiz-Andres1, Maria Dolores Sanchez-Niño1, Pablo Cannata-Ortiz2, Marta Ruiz-Ortega1, Jesus Ejido1, Ana Belen Sanz1, Alberto Ortiz Arduan1, 1IIS-FJD, Nephrology, Madrid, SPAIN, 2IIS-JD, Pathology, Madrid, SPAIN.

SPI171
THE SYNTHETIC TIE2 AGONIST VASCULOTIDE PROTECTS RENAL VASCULAR BARRIER FUNCTION IN ISCHEMIC ACUTE KIDNEY INJURY
Eva Rübig1, Daniel J. Dumont2, Paul van Slyke2, Jörg Stypmann3, Alexander Lukasz1, Stefan Reuter1, Hermann Paventstädt1, Philipp Kümper1, 1Univ Hosp Münster, Div General Internal Medicine, Nephrology and Rheumatology, Münster, GERMANY, 2Sunnybrook Research Inst, Vasomune Therapeutics, Toronto, ON, CANADA, 3Univ Hosp Münster, Dept Cardiology, Münster, GERMANY.

SPI172
THIOREDOXIN INTERACTING PROTEIN (TXNIP) REGULATES MITOCHONDRIAL FUNCTION AND PROGNOSIS OF ISCHEMIA REPERFUSION INDUCED AKI
Yoshio Terada, Tatsuaki Matsumoto, Kazu Hamada-Ode, Yoshiko Shimamura, Koji Ogata, Kosuke Inoue, Yoshinori Taniguchi, Taro Horino, Shimpei Fujimoto, Koji Medical School, Dept Endocrinology, Metabolism and Nephrology, Nankoku, JAPAN.

SPI173
MAPK14 PROMOTES ACUTE KIDNEY INJURY
Maria Dolores Sanchez-Niño1, Laura Valiño-Rivas1, Laura Gonzalez-Lafuente1, Holger Husi2, Manuel Fresno3, Ana Sanz1, Sergio Mezzano4, Tonia Vlahou5, Harald Mischak2, Alberto Ortiz1, 1IIS-FJD, Nephrology, Madrid, SPAIN, 2IIS-JD, Pathology, Madrid, SPAIN.

SPI174
LYSOSOMAL PROTEASE CATHEPSIN D, NEW PLAYER IN APOPTOSIS DURING ACUTE KIDNEY INJURY
Pasquale Cocchiaro1,2, Christopher Fox1, Rachel Howarth1, Katrina M. Wood3, Neil S. Sheerin1, Anna Moles1, 1Newcastle Univ, Inst Cellular Medicine, Newcastle Upon Tyne, UK, 2Univ Naples Federico II, Italy, Dept Molecular Medicine and Medical Biotechnology, Naples, ITALY, 3Royal Victoria Infirmary, Dept Cellular Pathology, Newcastle Upon Tyne, UK.

SPI175
SOURCE AND FUNCTION OF MIR-17 IN MURINE KIDNEY ISCHEMIA-REPERFUSION INJURY
Tamás Kauczár1, Johan Lorenzen2, Mária Godsz1, Gábor Szénás1, Thomas Thum2, Péter Hamar1, 1Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY, 2Hannover Medical School, Inst Molecular and Translational Therapeutic Strategies, Hannover, GERMANY.

SPI176
ROLE OF CONNEXIN 43 IN RENAL ISCHEMIA/REPERFUSION
Satoshi Kinugasa1,2, Ahmed Tmeizeh1, Aude Dorison1, Sandrine Placier1, Panagiotis Kavvadas1, Christos Chatziantoniou1, Christos E. Chadjichristos1, 1INSERM, UMR-S 1135, Paris, FRANCE, 2Univ Tokyo, Div Nephrology and Endocrinology, Tokyo, JAPAN.
SP177
PARICALCITOL MAY IMPROVE OXIDATIVE DNA DAMAGE ON EXPERIMENTAL AMIKACIN-INDUCED NEPHROTOXICITY MODEL.
Gulay Bulut1, Yildiray Basbugan2, Elif Arı3, Hamit H. Alp4, Irfan Bayram1, 1Yuzuncu Yil Univ, Pathology, Van, TURKEY, 2Yuzuncu Yil Univ, Veterinary Medicine, Van, TURKEY, 3Kartal Research and Training Hosp, Nephrology, Istanbul, TURKEY, 4Yuzuncu Yil Univ, Biochemistry, Van, TURKEY.

SP178
ANGIOPOIETIN-2 MEDIATES BREAKDOWN OF THE ENDOTHELIAL GLYCOCALYX
Alexander Lukasz1, Carina Hillgruber2, Hans Oberleitner3, Kristina Kutsche-Vihrog3, Eva Rübig1, Hermann Pavendstädt1, Tobias Goerge2, Philipp Kümper1, 1Univ Hosp Münster, Div General Internal Medicine, Nephrology, and Rheumatology, Münster, GERMANY, 2Univ Hosp Münster, Dept Dermatology, Münster, GERMANY, 3Univ Hosp, Inst Physiology II, Münster, GERMANY.

SP179
PHARMACOLOGIC INHIBITION OF NADPH OXIDASE 4 PROVIDES RENOPROTECTION IN CONTRAST INDUCED NEPHROPATHY
Se-Hee Yoon1, Bo-Young Jung2, Won-Min Hwang1, Sung-Ro Yun1, 1College Medicine, Konyang Univ, Internal Medicine, Deajeon, KOREA, 2College Medicine, Konyang Univ, Pharmacology, Deajeon, KOREA.

SP180
EFFECT OF JNK INHIBITOR IN A RAT MODEL OF RENAL ISCHEMIA-REPERFUSION INJURY.
Chiara Alfarano1, Marc Guerard1, Claire Abadie2, Philippe Lluel1, 1Urosphere, Urology/Nephrology, Toulouse, FRANCE, 2Solid Drug Development, Non-clinical Development, Geneva, SWITZERLAND.

SP181
PAX2+ PROGENITOR CELLS PLAY A KEY ROLE IN TUBULAR REGENERATION AFTER ACUTE KIDNEY INJURY
Elena Lazzeri1, Maria Lucia Angelotti2, Anna Julie Peired2, Francesca Becherucci2, Duccio Lombardi2, Laura Lasagni2, Paola Romagnani2, 1Univ Florence, Dept Clinical and Experimental Medicine, Florence, ITALY, 2Univ Florence, Dept Clinical and Experimental Biomedical Science, Florence, ITALY.
SP182
SYSTEMIC INFLAMMATION AND URINARY CHANGES IN SEVERE PHYSICAL EXERTION.
Nayara Panizo1,2, Eladio Collado2, Ignacio Martinez-Navarro2, Vicente Porcar2, Joaquin Montoliu2, Barbara Hernandez2, Oscar Chiva2, Javier Reque2, Carlos Hernando Domingo2, IB Braun Avitum Nefrovall, SL, Dialysis, Castellon de la Plana, SPAIN, 2Univ Jaume I, Fac Ciencias Salud, Castellon de la Plana, SPAIN.

SP183
IMPACT OF CONTRAST-INDUCED ACUTE KIDNEY INJURY (CI-AKI) ON LONG TERM OUTCOMES OF PATIENTS UNDERGOING ARTERIAL PROCEDURES
Antonio Monteiro, Hosp Coracao, Nephrology Service, Campo Grande, BRAZIL.

SP184
AN EXPLORATORY ANALYSIS OF THE UTILISATION OF RENAL REPLACEMENT THERAPY IN CRITICALLY ILL ADULTS IN ENGLAND, NORTHERN IRELAND AND WALES.
Lynn Redahan1, Steve Harris2, Marlies Ostermann3, David Harrison1, Kathy Rowan1, ITensive Care National Audit & Research Centre, ICNARC, London, UK, 2Univ College Hosp, Anaesthesia, London, UK, 3Guy’s and St Thomas’ Hosp, Nephrology & Critical Care, London, UK.

SP185
DOES A HEAT WAVE IN THE UK REPRESENT A SIGNIFICANT HEALTH RISK IN TERMS OF AKI?
Hobbs Helen1, Toby W. K. Wheeler1, Jean Irving1, Simon Coulton2, Chris K. T. Farmer2,1 East Kent Hosps Univ NHS Foundation Trust, Renal Medicine, Canterbury, UK, 2Univ Kent, Centre Health Services Studies, Canterbury, UK.

SP186
URINE MICROSCOPY: DEVELOPMENT OF AN APPLICATION FOR MOBILE DEVICES AS A LEARNING AID
Tale Norbye Wien1,2, Heidi Andersen3, Gro Jensen3, Ludvig N. W. Daae3, Ibarrum Sykesu, Vestre Viken HF, Dept Internal Medicine, Nephrology Section, Drammen, NORWAY, 2Diakonhjemmet Hosp, Dept Internal Medicine, Oslo, NORWAY, 3Diakonhjemmet Hosp, Dept Medical Biochemistry, Oslo, NORWAY.

SP187
OUTCOME IN NON-CRITICALLY ILL PATIENTS WITH ACUTE KIDNEY INJURY REQUIRING DIALYSIS (AKI-D): DIFFERENCES BETWEEN REFERRAL PATTERNS
Riccardo Maria Fagugli1, Francesco Pateral1, Sara Battiston1, Giovanni Tripepi2,1 Azienda Osp Perugia, Nephrology, Perugia, ITALY, 2CNR, CNR-IFC, Reggio Calabria, ITALY.

SP188
URINARY KIM-1 BUT NOT URINARY NGAL IS INCREASED AFTER SHORT MAXIMAL EXERCISE
Wojciech Wołyniec1, Wojciech Ratkowski2, Robert Urbaniski2, Maria Bartoszewicz3, Zuzanna Wolyniec4, Danuta Sikul5, Katarzyna Zorena3, Marcin Renkel1, Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, POLAND, 2Academy Physical Education and Sport, Gdansk, Poland, Dept Athletics, Gdansk, POLAND, 3Medical Univ Gdansk, Dept Immunobiology, Gdansk, POLAND, 4Medical Univ Gdansk, Dept Nephrology, Transplantology and Internal Diseases, Gdansk, POLAND, 5Medical Univ Gdansk, Dept Pharmacodynamics, Gdansk, POLAND.

SP189
THE CHARACTERISTICS AND RISK FACTORS OF MORTALITY FOR AKI IN DIFFERENT AGE GROUPS IN CHINA: A NATIONAL CROSS SECTIONAL STUDY
Qing Wei, Hong Liu, Yan Tu, Ri N. Tang, Yan L. Wang, Ming M. Pan, Bi C. Liu, Zhongda Hosp, School Medicine, Southeast Univ, Nanjing, CHINA.

SP190
CHARACTERISTICS OF ACUTE KIDNEY INJURY DIAGNOSED BY THE KDIGO CRITERIA IN PATIENTS WITH ACUTE NON-FULMINANT HEPATITIS A
Ho Jun Chin1, Chun Soo Lim2, Seoul National Univ Bundang Hosp, Internal Medicine, Seong Nam, KOREA, 2Seoul National Univ Boramae Medical Center, Internal Medicine, Seoul, KOREA.

SP191
ACUTE KIDNEY INJURY CAN PREDICT LONG-TERM MORTALITY IN ELDERLY PATIENTS UNDERGOING HIP FRACTURE SURGERY
Young Rim Song1, Sung Gun Kim2, Hyung Jik Kim2, Hallym Univ College Medicine, Dept Internal Medicine, Anyang-si, KOREA, 2Hallym Univ Sacred Heart Hosp, Dept Internal Medicine, Anyang-si, KOREA.
Posters

SP192
ACUTE KIDNEY INJURY CAUSED BY SNAKEBITES IN PATIENTS ADMITTED TO A REFERENCE TOXICOLOGICAL ASSISTANCE CENTER IN NORTHEAST BRAZIL
Antônio M. P. Oliveira Filho1, Elizabeth F. Daher1, Polianna L. M. Albuquerque2, Geraldo Silva Júnior3, I S. Lopes2, M S. B. Veras2, G C. Meneses2, N Buckley4, 1Federal Univ Ceara, Clinical Medicine, Fortaleza, BRAZIL, 2Inst Dr. José Frota, Toxicological Assistance Center, Fortaleza, BRAZIL, 3Univ Fortaleza, Public Health Graduate Program, Fortaleza, BRAZIL, 4Univ Sydney, Dept Clinical Pharmacology, Sydney, AUSTRALIA.

SP193
A PROSPECTIVE STUDY OF OBSTETRIC ACUTE KIDNEY INJURY IN MALAWI: PREVALENCE, AETIOLOGIES AND OUTCOMES
William R. Cooke1,2, Ulla K. Hemmilä2, Alison L. Craik2, Chimwemwe J. Mandula2, Priscilla Mvula3, Ausbert T. Msusa3, Gavin Dreyer4, Rhys Evans4, 1Univ College Hosp, Emergency Dept, London, UK, 2Queen Elizabeth Central Hosp, Dept Internal Medicine, Blantyre, MALAWI, 3Queen Elizabeth Central Hosp, Dept Obstetrics & Gynaecology, Blantyre, MALAWI, 4Royal Free London NHS Foundation Trust, UCL Centre Nephrology, London, UK.

SP194
NOVEL BIOMARKERS AND SUBCLINICAL RENAL DYSFUNCTION IN HIV PATIENTS
Geraldo Bezerra da Silva Junior1, Malena Gadelha Cavalcante2, Gdayllon Cavalcante Meneses3, Alice Maria Costa Martins3, Alexandre Braga Libório2, Elizabeth De Francesco Daher2, 1Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL, 2Federal Univ Ceara, School Medicine, Medical Sciences Graduate Program, Fortaleza, BRAZIL, 3Federal Univ Ceara, School Medicine, Pharmacology Graduate Program, Fortaleza, BRAZIL.

SP195
PREDICTORS OF ACUTE KIDNEY INJURY AND MORTALITY IN SEVERE LEPTOSPIROSIS (WEIL’S DISEASE)
Gabriela Studart Galdino1, Geraldo Bezerra da Silva Junior2, Hermano Alexandre Lima Rocha3, Mateus Henrique Mendes1, Maria Gabriela Motta Guimaraes1, Tiago Francisco dos Santos Miranda1, Elizabeth De Francesco Daher1, 1Federal Univ Ceara, School Medicine, Medical Sciences Graduate Program, Fortaleza, BRAZIL, 2Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL, 3Federal Univ Ceara, School Medicine, Dept Community Health, Fortaleza, BRAZIL.

SP196
INCIDENCE, RISK FACTORS AND PROGNOSTIC VALUE OF CONTRAST-INDUCED ACUTE KIDNEY INJURY IN PATIENTS WITH DELAYED PERCUTANEOUS CORONARY INTERVENTION
Anna Gaskina, Svetlana Villevalde, Zhanna Kobalava, Peoples’ Friendship Univ Russia (PFUR), Dept Internal Disease Propaedeutics, Moscow, RUSSIAN FEDERATION.

SP197
HIGH DOSE ROSUVASTATIN REDUCED RISK OF CONTRAST-INDUCED ACUTE KIDNEY INJURY IN PATIENTS WITH DELAYED PERCUTANEOUS CORONARY INTERVENTION
Anna Gaskina, Svetlana Villevalde, Anna Milto, Zhanna Kobalava, Peoples’ Friendship Univ Russia, Dept Propaedeutics Internal Diseases, Moscow, RUSSIAN FEDERATION.

SP198
PROTEINURIA DETECTED BY ALBUMIN DIPSTICK TEST PREDICTS THE SEVERITY OF ACUTE KIDNEY INJURY IN PUUMALA HANTAVIRUS-INDUCED NEPHROPATHIA EPIDEMICA
Paula Mantula1, Tuula Outinen1, Jan Clement2, Heini Huhtala3, Ilkka Pörsiti1,4, Satu Mäkelä1,4, Jukka Mustonen1,4, 1Tampere Univ Hosp, Dept Internal Medicine, Tampere, FINLAND, 2Univ Hosp Leuven, National Reference Centre Hantaviruses, Leuven, BELGIUM, 3Univ Tampere, Tampere School Health Sciences, Tampere, FINLAND, 4Univ Tampere, Medical School, Tampere, FINLAND.

SP199
ANALYSIS OF MORPHOFUNCTIONAL TYPES OF PLATELETS IN CHILDREN AFTER STEC-HUS
Evgeniya Tolstova1, Khadizha Emirova1, Olga Orlova1, Tatiana Abaseeva2, Tatiana Pancratenko2, Alexandr Muzurov3, Alezandr Burov4, 1Moscow State Univ Medicine and Dentistry, Pediatrics, Moscow, RUSSIAN FEDERATION, 2Moscow Regional Clinical Research Inst named after M.F. Vladimirsky, Children Dialysis, Moscow, RUSSIAN FEDERATION, 3Russian Medical Academy Postgraduate Education, Children Intensive Care, Moscow, RUSSIAN FEDERATION, 4Children’s Hosp St. Vladimir, Children Dialysis, Moscow, RUSSIAN FEDERATION.

SP200
A SUBCUTANEOUSLY ADMINISTERED INVESTIGATIONAL RNAI THERAPEUTIC (ALN-CC5) TARGETING COMPLEMENT C5 FOR TREATMENT OF PNH AND COMPLEMENT-MEDIATED DISEASES: INTERIM PHASE 1 STUDY RESULTS
Nader Najafian1, Anita Hill2, Jorg Taube3, Jim Bush4, Anna Borodovsky1, Noriyuki Kawahata1, Helen Mclean1, Angela Partisano1, Prasoon Chaturvedil1, Benny Sorensen1, 1Alnylam, Clinical Development, Cambridge, MA, 2Dept Hematology, Leeds Teaching Hosp, Leeds, UK, 3St George’s Univ London, Richmond Pharmacology, London, UK, 4Covance, Clinical Research, Leeds, UK.
SP201
EFFECTS OF FASTING ON RENAL FUNCTION OF PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE

SP202
WINTER TIME HEMORRHAGIC FEVER WITH RENAL SYNDROME IN MONTENEGRO - NEW CHALLENGE
Marina Ratković1, Nikola Basic Jukić2, Branka Gledović2, Danilo Radunović1, Vladimir Prelević1, 1Clinical Center Montenegro, Nephrology and Hemodialysis Dept, Podgorica, MONTENEGRO, 2Clinical Hosp Center Zagreb, Nephrology, Arterial Hypertension, Dialysis and Transplantation Dept, Zagreb, CROATIA.

SP203
ULINASTATIN: CAN IT BE THE NEW THERAPEUTIC OPTION IN AKI?
Sonia Gupta1, Bankul Gupta2, 1Kidney Care Hosp and Research Center, Nephrology, Udaipur, INDIA, 2Kidney Care Hosp and Research Center, Urology, Udaipur, INDIA.

SP204
POSTOPERATIVE FGF23 IS AN EARLY BIOMARKER OF ACUTE KIDNEY INJURY (AKI) DEVELOPMENT AND AKI SEVERITY STRATIFICATION, AS WELL AS STRONG PREDICTOR OF SHORT-TERM AKI OUTCOME
Nikolina Basic-Jukić1, Sanja Sakan2, Daniela Bandić-Pavlović2, Petar Kes1, 1Univ Hosp Centre Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA, 2Univ Hosp Centre Zagreb, Dept Anesthesiology and Intensive Care, Zagreb, CROATIA.

SP205
ENDOTHELIAL GLYCOCALYX DAMAGE AND RENAL DYSFUNCTION IN HIV PATIENTS RECEIVING COMBINED ANTIRETROVIRAL THERAPY
Elizabeth De Francesco Dauber1, Malena Gadela Calvancanti1, Gdayllon Cavalcante Meneses2, Alice Maria Costa Martins2, Alexandre Braga Libório1, Geraldo Bezerra da Silva Junior3, 1Federal Univ Ceara, School Medicine, Medical Sciences Graduate Program, Fortaleza, BRAZIL, 2Federal Univ Ceara, School Medicine, Pharmacology Graduate Program, Fortaleza, BRAZIL, 3Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL.

SP206
DO THE PARAMETERS OF THE REDOX STATUS ARE THE RISK FACTORS OF MORTALITY IN PATIENTS WITH ACUTE KIDNEY INJURY?
Snezana Pesic1, Aleksandar Jankovic1, Vilma Mika Jankovic1, Biljana Stojimirovic1, Zvezdara Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA, 2Medical Fac, Univ Kragujevac, Inst Physiology, Kragujevac, SERBIA, 3Clinical Center Serbia, Clinic Nephrology, Belgrade, SERBIA.

SP207
COMPARISON OF CYSTATIN C & CREATININE FOR EARLY DETECTION OF CONTRAST INDUCED NEPHROPATHY
Manish M. Juneja1,2, Anand Shukla2, Himanshu Patel3,4, Manish Balwani5, 1Sri Krishna Hrudayalaya, Cardiology, Nagpur, INDIA, 2U N Mehta Inst Cardiology, Affiliated to BJ Medical College, Cardiology, Ahmedabad, INDIA, 3Gujarat Kidney Foundation, Nephrology, Ahmedabad, INDIA, 4U N Mehta Inst Cardiology, Affiliated to BJ Medical College, Nephrology, Ahmedabad, INDIA, 5KDRC & ITS, BJMC, Nephrology, Ahmedabad, INDIA.

SP208
EFFECTS OF CIS- AND CARBOPLATIN ON DIFFERENT URINARY BIOMARKERS OF KIDNEY INJURY
Kathi Goldstein1, Jürgen Steffen2, James Mapes3, Astrid Jaehnig1, Sabine Pestel1, Sabine Blaschke1, 1Univ Medical Center Göttingen, Interdisciplinary Emergency Care Unit, Göttingen, GERMANY, 2Boehringer-Ingelheim, TA Immunology, Biberach, GERMANY, 3Myriad RBM, Research and Development, Austin, TX, 4Boehringer-Ingelheim, Drug Discovery Support, Biberach, GERMANY.

SP209
FRILTY AS A PREDICTOR OF ACUTE KIDNEY INJURY IN HOSPIZED ELDERLY PATIENTS
Seon Ha Baek, Sung Woo Lee, Sun-wook Kim, Shin young Ahn, Mi-Yeon Yu, Gwang-il Kim, Ho Jun Chin, Ki Young Na, Dong-Wan Chae, Sejoong Kim, Seoul National Univ Bundang Hosp, Internal Medicine, Seongnam, KOREA.

SP210
CLINICAL EFFECTIVENESS OF DIURETICS FOLLOWING CONTINUOUS RENAL REPLACEMENT THERAPY
Do Hee Kim1, Jin Hae Kim1, JI Hyeon Park1, Chi Ryang Chung2, Kyeongman Jeon2, Jung Eun Lee1, Wooseong Huh1, Gee Young Suk2, Yoon-Goo Kim1, Dae Joong Kim1, Ha Young Oh1, Hye Ryoun Jang1, 1Samsung Medical Center, Sungkyunkwan Univ School Medicine, Div Nephrology, Dept Medicine, Seoul, KOREA, 2Samsung Medical Center, Sungkyunkwan Univ School Medicine, Dept Critical Care Medicine, Seoul, KOREA.
SP211

HYONATREMIA AND MORTALITY IN PATIENTS WITH VISCERAL LEISHMANIASIS AND ACUTE KIDNEY INJURY

Geraldo Bezerra da Silva Junior1, Elizabeth De Francesco Daher2, Rosa Maria Salani Mota3, Alexandre Braga Libório2, Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL, 2Federal Univ Ceara, School Medicine, Medical Sciences Graduate Program, Fortaleza, BRAZIL, 3Federal Univ Ceara, Dept Statistics and Applied Mathematics, Fortaleza, BRAZIL.

SP212

DIURETIC RESISTANCE: A STRONG MORTALITY PREDICTOR IN ACUTE DECOMPENSATED HEART FAILURE ADMISSIONS.

Pablo Klin1, Luis M. Gutierrez2, Andres Granja1, Carola Zambrano1, Federico Zeppa1, Andres Bilbao1, Francisco Klein3, Pablo Raffaele2, IFavaloro Foundation, Intensive Care Telemetry Unit, Buenos Aires, ARGENTINA, 2Favaloro Foundation, Nephrology, Dialysis and Transplantation, Buenos Aires, ARGENTINA, 3Favaloro Foundation, Intensive Care Unit, Buenos Aires, ARGENTINA.

SP213

OUTCOME OF AAV PATIENTS WITH ACTIVE DISEASE ADMITTED TO THE ICU: A COMPARATIVE MULTICENTER STUDY


SP214

DETERMINATION OF NEUTROPHIL GELATINASE - ASSOCIATED LIPOCALIN AS EARLY MARKER OF ACUTE KIDNEY INJURY IN ACUTE PANCREATITIS

Agnieszka Gala-Bladzińńska1, Mateusz Sporek2, Paulina Dumnicka3, Marek Kuzniewski4, Malgorzata Mazur-Laskowska5, Przemysław Chmielewski2, Beata Kuśnierz-Cabała6, 1St Queen Jadwiga Clinical District Hosp No 2 Rzeszów, Dept Internal Medicine, Nephrology & Endocrinology, Rzeszów, POLAND, 2Jagiellonian Univ Medical College, Dept Anatomy, Kraków, POLAND, 3Jagiellonian Univ Medical College, Dept Medical Anma, Kraków, POLAND, 4Jagiellonian Univ Medical College, Dept Nephrology, Kraków, POLAND, 5Univ Hosp, Diagnostic Dept, Kraków, POLAND, 6Jagiellonian Univ Medical College, Dept Diagnostics, Chair Clinical Biochemistry, Kraków, POLAND.

SP215

LOW PRE-OPERATIVE SERUM BICARBONATE LEVELS PREDICT ACUTE KIDNEY INJURY AFTER CARDIAC SURGERY

Seohyun Park, Min-uk Cha, Misol Lee, Changhwan Seo, Hae-Ryong Yun, Su-Young Jung, Jong Hyun Jhee, Hyoung Rae Kim, Youn Kyung Kee, Chang-Yun Yoon, Young Eun Kwon, Jung Tak Park, Seung Hyeok Han, Tae-Hyun Yoo, Shin-Wook Kang, Yonsei Univ College Medicine, Dept Internal Medicine, Seoul, KOREA.

SP216

THE PROGNOSTIC VALUE OF VOLUME STATUS ASSESSMENT BY BIOELECTRICAL IMPEDANCE ANALYSIS AND LUNG ULTRASOUND ON MORTALITY IN SEPTIC ACUTE KIDNEY INJURY PATIENTS UNDERGOING CONTINUOUS RENAL REPLACEMENT THERAPY

Seohyun Park, Changhwan Seo, Min-uk Cha, Misol Lee, Hyoung Rae Kim, Hae-Ryong Yun, Jong Hyun Jhee, Su-Young Jung, Youn Kyung Kee, Chang-Yun Yoon, Young Eun Kwon, Jung Tak Park, Seung Hyeok Han, Shin-Wook Kang, Tae-Hyun Yoo, Yonsei Univ College Medicine, Dept Internal Medicine, Seoul, KOREA.
SP217
ACUTE KIDNEY INJURY INCREASES MORTALITY AND MEDICAL COSTS EVEN IN THE PRE-AKI STAGE KIDNEY INJURY INCREASES MORTALITY AND MEDICAL COSTS EVEN IN THE PRE-AKI STAGE
Jeonghwan Lee1, Seon Ha Baek2, Shin Young Ahn3, Jin Suk Han4, Ho Jun Chin2, Ki Young Na2, Dong-Wan Chae2, Sejoong Kim2, 1Hallym Univ Hangang Sacred Heart Hosp, Internal Medicine, Seoul, KOREA, 2Seoul National Univ Bundang Hosp, Internal Medicine, Seongnam-si, KOREA, 3Seoul National Univ College Medicine, Internal Medicine, Seoul, KOREA.

SP218
ANALYSIS OF SERUM ACTIVITY OF ADAMTS13 OF SHIGA TOXIN-PRODUCING ESCHERICHIA COLI (STEC) HEMOLYTIC UREMIC SYNDROME (HUS) IN CHILDREN
Olga Orlova1, Khadizha Emirova2, Pavel Avdonin3, Evgeniya Tolstova2, Tatiana Pancratenko4, Tatiana Abaseeva4, Alexandr Muzurov5, Alexandr Burov6, Alexandr Burov6, 1Moscow State Medical Dentist Univ, Pediatrics, Moscow, RUSSIAN FEDERATION, 2Moscow State Univ Medicine and Dentistry, Pediatrics, Moscow, RUSSIAN FEDERATION, 3Koltsov Inst Developmental Biology of Russian Academy Sciences, Physiology of Receptors and Signaling Systems, Moscow, RUSSIAN FEDERATION, 4Moscow Regional Clinical Research Inst named after M.F. Vladimirsky, Children Dialysis, Moscow, RUSSIAN FEDERATION, 5Russian Medical Academy Postgraduate Education, Children Intensive Care, Moscow, RUSSIAN FEDERATION, 6Children's Hosp St. Vladimir, Children Dialysis, Moscow, RUSSIAN FEDERATION.

SP219
ACUTE KIDNEY INJURY AND OTHER COMPLICATIONS OF LOXOSCELISM - A CROSS-SECTIONAL STUDY IN NORTHEAST BRAZIL
Antônio M. P. Oliveira Filho1, Elizabeth F. Daher1, Polianna Albuquque2, Fernanda H. Menezes1, L D. Tessarolo1, V R. Santiago2, Geraldo B. Silva Júnior3, N Buckley4, 1Federal Univ Ceará, Clinical Medicine, Fortaleza, BRAZIL, 2Inst Dr. José Frota, Toxicological Assistance Center, Fortaleza, BRAZIL, 3Univ Fortaleza, Public Health Graduate Program, Fortaleza, BRAZIL, 4Univ Sydney, Clinical Pharmacology, Sydney, AUSTRALIA.
CHRONIC KIDNEY DISEASE.
LAB METHODS, GFR MEASUREMENT, URINE PROTEOMICS

SP220
MEASURED AND ESTIMATED GFR IN SEVERELY AND MORBIDLY OBSESE PATIENTS: EFFECTS OF AGE, BMI AND DIABETIC STATUS.
Charlotte Brunelle1, Sandrine Lemoine2, Caroline Pelletier2, Laurent Julliard3, Laurence Dubourg2, Fitsum Guebre-Egziabher1, 1Univ Hosp Grenoble Alpes, Nephrology Dept, Grenoble, FRANCE, 2Univ Edouard Herriot Hosp, Dept Renal Function Study, Lyon, FRANCE, 3Univ Edouard Herriot Hosp, Nephrology Dept, Lyon, FRANCE.

SP221
BPA CONTENT IN HEMODIALYSIS MEMBRANES IMPACT ON REDOX STATUS AND INFLAMMATION
Enrique Bosch-Panadero1, Didier Sanchez Ospina1, Esther Civantos Martin2, Olha Zhenyukh1, Vanesa Camarero3, Pedro Abaigar3, Alberto Ortiz1, Jesus Egido de los Rios1, Emilio Gonzalez Parral1, 1Fundacion Jimenez Diaz, Renal and Vascular Laboratory, Madrid, SPAIN, 2Univ Granada, Dept Internal Medicine, Granada, SPAIN, 3Secular Hospital, Nephrology, Valladolid, SPAIN.

SP222
CKD 273 CLASSIFIER AS EARLY MARKER FOR TUBULOINTERSTITIAL FIBROSIS
Katerina Markoska1, Claudia Pontillo2, Petra Zürbig2, Mohammed Dakna2, Jelka Masin-Spasovska1, Olivera Stojeva-Taneva1, Radomir Naumovic3, Voin Brkovic3, Marian Klinger4, Miroslav Banaski4, Ivan Rychlik5, Dominika Švec-Billa5, Adalbert Schiller6, Flaviu Bob6, Francesco Marino7, Giovambattista Capasso8, Arianna Restivo8, Merita Rroji9, Colette Denis10, Franco Ferrari11, Carmine Zoccali12, Joost P. Schanstra10, Harald Mischak2, Goce Spasovski4, 1Fac Medicine, Dept Nephrology, Skopje, F.Y.R. of MACEDONIA, 2Mosaiques Diagnostics, GmbH, Hannover, GERMANY, 3Clinical Center Serbia, Clinic Nephrology, Belgrade, SERBIA, 4Roelaw Medical Univ, Dept Nephrology and Transplantation Medicine, Roelaw, POLAND, 5Charles Univ, Third Fac Medicine, Prague, CZECH REPUBLIC, 6Univ Medicine and Pharmacy, Dept Nephrology, Timisoara, ROMANIA, 7OHC Maastricht, NETHERLANDS, 8UHC, Mother Teresa, Tirana, ALBANIA, 10INSERM, U1048, Toulouse, FRANCE, 11San Gerardo Hosp, Nephropathy Center, Monza, ITALY.

SP223
URINARY PROTEOMICS ANALYSIS REVEALS MULTIPLE FEATURES ASSOCIATED WITH CHRONIC KIDNEY DISEASE PROGRESSION
Szymon Filip1,2, Griet Glorieux3, Katerina Markoska4, Giorgos Mermelekas1, Magdalena Krochmal1,5, William Mullen6, Jerome Zoidakis1, Joachim Jankowski5,7, Goce Spasovski4, Raymond Vanholder3, Harald Mischak8, Antonia Vlahou1, Biomedical Research Foundation Academy Athens, Center Basic Research, Athens, GREECE, 2Charité – Universitätsmedizin Berlin, Experimental Nephrology and Hypertension, Berlin, GERMANY, 3Ghent Univ Hosp, Nephrology Division, Gent, BELGIUM, 4Fac Medicine, Dept Nephrology, Skopje, F.Y.R. of MACEDONIA, 5RWTH-Aachen Univ, Molecular Cardiovascular Research, Aachen, GERMANY, 6Univ Glasgow, Cardiovascular and Medical Sciences, Glasgow, UK, 7Univ Maastricht, School Cardiovascular Diseases (CARIM), Maastricht, NETHERLANDS, 8Mosaiques Diagnostics GmbH, Mosaiques Diagnostics GmbH, Hannover, GERMANY.

SP224
TRI-EXPONENTIAL APPROACH FOR INTRAVOXEL INCOHERENT MOTION ANALYSIS OF MULTI B-VALUE DIFFUSION WHEIGTED MRI DATA FOLLOWS GFR CHANGES IN HEALTHY HUMANS
René van der Bel1, Oliver J. Gurney-Champion2, Martijn Froeling2, Aart J. Nederveen2, C T. P. Krediet1, 1Academic Medical Center, Univ Amsterdam, Nephrology, Amsterdam, NETHERLANDS, 2Academic Medical Center, Univ Amsterdam, Radiology, Amsterdam, NETHERLANDS.

SP225
POSSIBLE ROLE OF MICRORNAS IN CKD PROGRESSION
Theofilos Papadopoulos1,2, Daniel Borras3,2, Eric Neau1, Szymon Filip1,5, Katerina Markoska6, Goce Spasovski6, Griet Glorieux7, Raymond Vanholder7, Bart Janssen3, Antonia Vlahou4, Jean-Loup Bascands1,2, Julie Klein1,2, Joost P. Schanstra10, Harald Mischak2, Goce Spasovski6, Giorgos Mermelekas1, 15th Congress of the European Dialysis and Transplant Association, Athens, GREECE, 2Charité – Universitätsmedizin Berlin, Experimental Nephrology and Hypertension, Berlin, GERMANY, 3Ghent Univ Hosp, Nephrology Division, Gent, BELGIUM, 4Fac Medicine, Dept Nephrology, Skopje, F.Y.R. of MACEDONIA, 5Roelaw-Aachen Univ, Molecular Cardiovascular Research, Aachen, GERMANY, 6Univ Glasgow, Cardiovascular and Medical Sciences, Glasgow, UK, 7Univ Maastricht, School Cardiovascular Diseases (CARIM), Maastricht, NETHERLANDS, 8Mosaiques Diagnostics GmbH, Mosaiques Diagnostics GmbH, Hannover, GERMANY.

SP226
CREATININE, CYSTATIN C, BETA-2-MICROGLOBULIN AND BETA-TRACE PROTEIN: WHICH MARKER IS BEST TO ASSESS CHANGES IN EGF IN EU RR TIME?
Elise Schutte1, Helen L. Lutgers2, Stefan J. L. Bakker1, Bruce H. R. Wolffenbuttel2, Ron T. Gansevoort1, Hidde J. Lambers Heerspink3, 1UMCG, Nephrology, Groningen, NETHERLANDS, 2UMCG, Endocrinology, Groningen, NETHERLANDS, 3UMCG, Clinical Pharmacy and Pharmacology, Groningen, NETHERLANDS.
SP227
PREDICTION OF MORTALITY IN ELDERLY PATIENTS WITH CHRONIC KIDNEY DISEASE - THE ROLE OF CYSTATIN C
Nina Hojs1, Masa Knehtl1, Robert Ekart2, Radovan Hojs1, Sebastjan Bevc1, 1Univ Clinical Centre Maribor, Dept Nephrology, Clinic Internal Medicine, Maribor, SLOVENIA, 2Univ Clinical Centre Maribor, Dept Dialysis, Clinic Internal Medicine, Maribor, SLOVENIA.

SP228
CONCORDANCE BETWEEN IOTHALAMATE AND IOHEXOL PLASMA CLEARANCES
Francois Jouret1, Etienne Cavalier2, Pierre Delanayel1, Univ Liege Hosp (ULg CHU), Nephrology, Liege, BELGIUM, 2Univ Liege Hosp (ULg CHU), Clinical Chemistry, Liege, BELGIUM.

SP229
STUDY OF THE RELATION BETWEEN DEGREE OF TUBULO-INTERSTITIAL FIBROSIS IN RENAL BIOPSIES AND ESTIMATED GLOMERULAR FILTRATION RATE (GFR) USING CREATININE BASED, CYSTATIN BASED AND COMBINED CYSTATIN AND CREATININE BASED EQUATIONS
Mohamed A. Ibrahim1, Abdelbasset E. AbdelAzim1, Nadia G. Elhefnawy2, Ahmed S. Serageldene1, Ahmed A. Emara1, Ain Shams Univ, Cairo, Egypt, Nephrology & Internal Medicine Departement, Cairo, EGYPT, 2Ain Shams Univ, Cairo, Egypt, Pathology Departement, Cairo, EGYPT.

SP230
INCREASED URINARY ANGIOTENSINOGEN IN CKD PATIENTS WITH HIGH SALT DIET AND HYPERTENSION
Ha Yeon Kim, Eun Hui Bae, Seong Kwon Ma, Soo Wan Kim, Soo Wan Kim, Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, KOREA.

SP231
CYSTATIN C STANDARDIZATION DECREASES ASSAY VARIATION AND IMPROVES ASSESSMENT OF GFR
Natalie Ebert1, Pierre Delanayel1, Mike Shlipak3, Olga Jakob4, Peter Martus5, Jens Gaedeke6, Mirjam Schuchardt6, Markus van der Giet6, Jan Bartel7, Etienne Cavalier8, Elke Schaeffner9, 1Charité, Nephrology, Berlin, GERMANY, 1Univ Sart-Tilman, Nephrology, Liège, BELGIUM, 2UCSF, Gen Int Med, San Francisco, CA, 4Charité, Biostat, Berlin, GERMANY, 3EK- Univ, Biostat, Tübingen, GERMANY, 6Charite, Nephrol, Berlin, GERMANY, 7Labor Limbach, Clin Chem, Heidelberg, GERMANY, 8Univ Sart-Tilman, Clin Chem, Liège, BELGIUM, 9Charité, Pub Health, Berlin, GERMANY.

SP232
NEPHROCALCINOSIS: A NEW MURINE MODEL OF CHRONIC KIDNEY DISEASE AND MINERAL AND BONE DISORDER
Bianca Frauscher1, Katharina Artinger1, Corinna Schabhüttl2, Ida Aringer3, Mate Ketszeri2, Alexander H. Kirsch1, Alexander R. Rosenkranz1, Kathrin Eller1, Philipp Eller4, 1Medical Univ Graz, Clinical Div Nephrology, Dept Internal Medicine, Graz, AUSTRIA, 2Medical Univ Graz, 1Clinical Div Nephrology, Dept Internal Medicine, Graz, AUSTRIA, 3Medical Univ Graz, Clinical Div Nephrology, Graz, AUSTRIA, 4Medical Univ Graz, Intensive Care Unit, Dept Internal Medicine, Graz, AUSTRIA.

SP233
ADEQUACY OF SUPPORTING EVIDENCE FOR RECOMMENDATIONS ON DRUG DOSE ADJUSTMENT IN RENAL IMPAIRMENT
Andrew Findlay1, Ionut Nistor2, Adrian Covic2, Wim Van Biesen3, Ken Farrington1, 1Lister Hosp, Nephrology, Stevenage, UK, 2Univ Medicine and Pharmacy, Nephrology, Lasi, ROMANIA, 3Univ Ghent, Nephrology, Ghent, BELGIUM.

SP234
NONINVASIVE ASSESSMENT OF FIBROSIS BY MAGNETIC RESONANCE IMAGING: VALIDATION OF A NOVEL INDEX FROM T1 MAPPING AND DIFFUSION-WEIGHTED IMAGING IN ANIMALS MODELS AND KIDNEY ALLOGRAFT RECIPIENTS.

SP235
SOLUBLE UROKINASE TYPE PLASMINOGEN ACTIVATOR RECEPTOR AS A PREDICTOR OF CHRONIC KIDNEY DISEASE
Ana Carina Ferreira1, Miguel Verdelho1, Maria Céu Santos2, Fernando Nolasco1, 1Hosp Curry Cabral - CHLC, Nephrology, Lisbon, PORTUGAL, 2Centro Hosp Lisboa Central (CHLC), Immunology, Lisbon, PORTUGAL.

SP236
MULTI-OmICS DATA INTEGRATION IN THE CONTEXT OF PRIMARY GLOMERULONEPHRITIS
Marco Fernandes, Christian Delles, Holger Husi, Univ Glasgow, Inst Cardiovascular and Medical Sciences, Glasgow, UK.
Posters

SP237
SERUM BTP CONCENTRATIONS ARE NOT AFFECTED BY HEPATIC DYSFUNCTION
Debarati Chakraborty1, Ayub Akbari2, Greg A. Knoll2, Jennifer A. Flemming1, Catherine Lowe1, Shareef Akbari3, Christine A. White1, 1Queen's Univ, Dept Medicine, Kingston, ON, CANADA, 2Univ Ottawa, Dept Medicine, Ottawa, ON, CANADA, 3Univ Ottawa, Kidney Research Center, Ottawa Hosp Research Inst, ON, CANADA.

SP238
BTP ASSAYS-A COMPARISON BETWEEN NEPHELOMETRIC AND ELISA METHODOLOGIES
Debarati Chakraborty1, Ayub Akbari2, Greg A. Knoll2, Christine A. White1, 1Queen's Univ, Dept Medicine, Kingston, ON, CANADA, 2Univ Ottawa, Dept Medicine, Ottawa, ON, CANADA.

SP239
PROGNOSTIC SIGNIFICANCE OF NGAL IN EARLY STAGE CHRONIC KIDNEY DISEASE
Taner Basturk1, Ozlem Sarl2, Yener Koc1, Nezakaet Eren2, Mahmut Isolete1, Ekrem Kara3, Sevinc Mustafa1, Tamer Sakac1, Elbis Ahbap1, Tuncay Sahutoglu1, Baris Hasbal1, Feyza Bayraktar1, Zuhal Atan Ucar1, Abdulakiir Unsal1, 1Sisli Hamidiye Etfal Research and Educational Hosp, Nephrology, Istanbul, TURKEY, 2Sisli Hamidiye Etfal Research and Educational Hosp, Biochemistry, Istanbul, TURKEY, 3Recep Tayyip Erdogan Univ Fac Medicine, Nephrology, Rize, TURKEY.

SP240
COMPARISON OF CREATININE-BASED EGFR EQUATIONS AS PREDICTORS OF RENAL EVENTS IN A PORTUGUESE COHORT OF CKD PATIENTS
Andreia Campos, Jorge Malheiro, Sofia Santos, Josefin Santos, António Cabrita, Centro Hosp Porto - Hosp Santo António, Nephrology Dept, Porto, PORTUGAL.

SP241
THE MEASUREMENT OF BODY CELL MASS ALLOWS TO PREDICT 24-HOUR URINARY CREATININE EXCRETION AND CREATININE CLEARANCE IN SEVERELY OBESE PATIENTS
Carlo Donadio1, Laura Bozzoli1, Michele Marchini1, Diego Moriconi1, Marco Anselmino2, Rossana Bertz3, Univ Pisa, Clinical and Experimental Medicine, Pisa, ITALY, 2AOUP, Bariatric Surgery, Pisa, ITALY.

SP242
GLOMERULAR FILTRATION RATE ESTIMATION USING BETA TRACE PROTEIN: EXTERNAL VALIDATION OF THREE EQUATIONS
Amyllis H. Van Craenenbroeck1,2, Abdul Rashid Qureshi1, Ann-Christin Bragfors-Helin1, Per Simonsson3, Bengt Lindholm1, Peter Barany1, Björn Anderstam1, Peter Stenvinkel1, Olof Dehle1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, CLINTEC, Stockholm, SWEDEN, 2Antwerp Univ Hosp, Dept Nephrology, Antwerp, BELGIUM, 3Siemens Healthcare AB, Siemens, Upplands Vasby, SWEDEN.

SP243
CIRCULATING LIVER SPECIFIC miR-122 IN END STAGE RENAL DISEASE ON MAINTENANCE HAEMODIALYSIS
Laura Rivil1,1, Bastaaan Vliegenthart2, Jep Van Bragt2, Nikolaas Tzoumas3, James W. Dear1, Neeraj Dhaun4, 1Centre Cardiovascular Science, Univ Edinburgh, Queen's Medical Research Inst, 1Univ/BHF Centre Cardiovascular Science, Edinburgh, UK, 2Pharmacology, Toxicology & Therapeutics; Univ Edinburgh, Queen's Medical Research Inst, Centre Cardiovascular Science, Edinburgh, UK, 3Centre Cardiovascular Science, Univ Edinburgh, Queen's Medical Research Inst, Centre Cardiovascular Science, Edinburgh, UK, 4Centre Cardiovascular Science, Univ Edinburgh, Queen's Medical Research Inst, Univ/BHF Centre Cardiovascular Science; Edinburgh, UK.

SP244
WHAT GFR ESTIMATING EQUATION SHOULD BE USED IN ELDERLY PATIENTS?
Andrew Findlay1, Ken Farrington1, Adrian Covic2, Ionut Nistor2, Juan Macias Nunez3, Wim Van Biesen4, James Tattersall5, 1Lister Hosp, Nephrology, Stevenage, UK, 2Univ Medicina si Farmacie, Nephrology, Lasi, ROMANIA, 3Univ Salamanca, Dep Medicina, Salamanca, SPAIN, 4Univ Ghet, Nephrology, Ghet, BELGIUM, 5Leeds Teaching Hosp NHS Trust, Nephrology, Leeds, UK.

SP245
ACOUSTIC RADIATION FORCE IMPULSE IMAGING FOR THE EVALUATION OF THE RENAL PARENCHYMAL STIFFNESS IN NATIVE KIDNEY - PRELIMINARY RESULTS
Ileana Peride1,2, Daniela Radulescu1,2, Ileana Vacaorou1,3, Cristiana David1,2, Andrei Niculae1,2, Alexandra Constantine1, Ionel Alexandru Checherita1,2, 1Carol Davila Univ Medicine and Pharmacy

SP246
USE OF MAGNETIC FIELD IN ELIMINATION OF UREMIC TOXINS DURING HEMODIALYSIS
Mirhashim Djalalov, Clinical Medical Centre, Hemodialysis, Baku, AZERBAIJAN.

SP247
RENOProtective EFFECT OF PENTOXIFYLLINE AT PATIENTS WITH CKD 2-5 STAGES
Inkar Mansurova, Scientific Centre of Urology, General Urology and Nephrology, Almaty, KAZAKHSTAN.
SP248
ENDEOGENOUS CONTROLS FOR MIRNA ANALYSIS IN RENAL CELLS AND TISSUE
Michael Rudnicki1, Ninella Schweibert1, Annelene Beckers2, Stefan Schneeberger3, Alfred Königsrainer4, Georg Böhmig5, Jo Vandesompele2, Cet Mayer1, Johannes Leierer1, 1Medical Univ Innsbruck, Dept Internal Medicine IV - Nephrology and Hypertension, Innsbruck, AUSTRIA, 2Biogazelle, Research, Zwijsnaarde, BELGIUM, 3Medical Univ Innsbruck, Dept Visceral, Transplant and Thoracic Surgery, Innsbruck, AUSTRIA, 4Univ Tübingen, Dept General, Visceral and Transplant Surgery, Tübingen, GERMANY, 5Medical Univ Vienna, Dept Internal Medicine III, Div Nephrology and Dialysis, Vienna, AUSTRIA.

SP249
COMPARISON OF FIVE eGFR EQUATIONS IN YOUNGER VS OLDER PATIENTS
Armando Coca1, Ana Lucia Valenc1, Carmen Aller1, Vicente Perez1, Jesus Bustamante2, Alicia Mendiluce3, Bri-gitte Groux2, 1ProMetic BioSciences Inc., R&D, Preclinical, Laval, QC, CANADA, 2ProMetic BioSciences Inc., Biology, Laval, QC, CANADA, 2ProMetic BioSciences Inc., R&D, Laval, QC, CANADA.

SP250
BIOELECTRICAL IMPEDANCE ANALYSIS AS A SCREENING TOOL FOR CHRONIC KIDNEY DISEASE
Anita Saxena, Amit Gupta, Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA.

SP251
TREATMENT EFFICACY OF PBI-4050, AN ORALLY ACTIVE ANTI-FIBROTIC AGENT, CAN BE MONITORED BY FOLLOWING URINARY BIOMARKERS IN 5/6-NEPHRECTOMIZED RATS

SP252
COMPARISON OF THE COCKCROFT-GAULT, MODIFICATION OF DIET IN RENAL DISEASE, AND THE CHRONIC KIDNEY DISEASE EPIDEMIOLOGY COLLABORATION EQUATIONS FOR ESTIMATING GLOMERULAR FILTRATION RATES IN CANCER PATIENTS RECEIVING CISPLATIN-BASED CHEMOTHERAPY
Hwa Young Lee1, Miyeon Kim2, Tae Young Kim3, Eun Kyoung Lee4, Jong Tae Cho5, So Mi Kim5, Jeju National Univ Hosp, Dept Internal Medicine, Jeju, KOREA, 2jeju National Univ Hosp, Div Nephrology, Dept Internal Medicine, Jeju, KOREA, 3Chungiu Medical Center, Div Nephrology, Dept Internal medicine, Chungiu, KOREA, 4Dankook Univ College Medicine, Div Nephrology, Dept Internal Medicine, Cheonan, KOREA, 5Jeju National Univ Hosp, Div Nephrology, Jeju, KOREA.

SP253
CLINICAL ESTIMATION OF KIDNEY FUNCTION IN PATIENTS WITH β-THALASSEMIA MAJOR
Gai Milo1, Evelyne Shabad2, Nawras Nassar3, Tanya Mashiah4, Marielle Kaplan5, Suheir Assady1, 1Rambam Health Care Campus, Nephrology, Haifa, ISRAEL, 2Rambam Health Care Campus, Hematology, Haifa, ISRAEL, 3Technion, Israel Inst Technology, Rappaport Fac Medicine, Haifa, ISRAEL, 4Rambam Health Care Campus, Biostatistics Unit, Haifa, ISRAEL, 5Rambam Health Care Campus, Clinical Labs Div, Haifa, ISRAEL.

SP254
CLINICAL EVALUATION OF RENAL TUBULO-INTERSTITIAL NEPHROPATHY BY ASSESSING RENAL BLOOD FLOW WITH ULTRASONOGRAPHY
Minoru Hatanou1, Koji Takayanagi2, Tatsuro Sano1, Tomoyuki Mitani1, Yoshimi Okada1, Yuichiro Kawai1, Masaaki Terao1, Takatsugu Iwashita1, Yosuke Tayama1, Tomonari Ogawa1, Koichi Kanozawa1, Hajime Hasegawa1, 1Saitama Medical Center, Saitama Medical Univ, Nephrology and Hypertension, Kawagoe, JAPAN, 2Saitama Medical Center, Saitama Medical Univ, Clinical Lab, Kawagoe, JAPAN.

SP255
DRUG DOSING IN CHRONIC KIDNEY DISEASE: IS THE COCKCROFT-GAULT FORMULA ALWAYS THE BEST ESTIMATOR OF RENAL FUNCTION TO PREVENT OVEREXPOSURE?
Christophe Mariat1, Hans Pottel2, Pierre Delanaye3, 1Hop Nord, Univ Jean Monnet, Nephrology Dialysis Transplantation, Saint Etienne, FRANCE, 2KULAK, KU Leuven, Primary Care and Public Health, Kortrijk, BELGIUM, 3Univ Liège, Nephrology Dialysis, Liège, BELGIUM.

SP256
URINE PROTEOMICS FOR LIQUID BIOPSY OF THE KIDNEY
Tadashi Yamamoto, Niigata Univ, Biofluid Biomarker Center, Niigata, JAPAN.
Posters

CHRONIC KIDNEY DISEASE.
PATHOPHYSIOLOGY, PROGRESSION & RISK FACTORS - 1

SP257
TREATMENT WITH THE MICRORNA-21 INHIBITOR RG-012 GIVEN WITH AND WITHOUT RAMIPRIL DELAYS RENAL IMPAIRMENT PROGRESSION AND PROLONGS SURVIVAL WHEN INITIATED UP TO CHRONIC KIDNEY DISEASE (CKD) STAGE 3 IN A MOUSE MODEL OF ALPORT SYNDROME
John Grundy1, Cynthia Heinlein1, Kara Kersjes1, Kai Liu1, Tate Owen1, Shweta Pandya1, Robb Pagarigan1, Shiguang Liu2, 1Regulus Therapeutics, DMPK/TOX, San Diego, CA, 2Sanofi-Genzyme, R&D Center, Framingham, MA.

SP258
BIOMIMETIC POLYMER MEMBRANE: PROGRAMMABLE SELF-ASSEMBLY AND GLOMERULAR-FILTRATION-BARRIER REPAIRMENT
Li Aiqing1, Tan Lishan1, Lai Xuandi2, Hu Jianqiang2, 1State Key Lab Organ Failure Research, National Clinical Research Center Kidney Disease, Nanfang Hosp, Southern Medical Univ, Nephrology, Guangzhou, CHINA, 2Dept Chemistry, College Chemistry and Chemical Engineering, South China Univ Technology, Chemistry, Guangzhou, CHINA.

SP259
EFFECTS OF BONE MARROW-DERIVED CELLS AND THE MANIPULATION OF THE SDF-1/CXCR4 AXIS IN CKD-ASSOCIATED HEART REMODELING
Lina Golle1, Katrin Beul1, Hermann Pavenstädt1, Giovana S. Di Marco2, Marcus Brand1, Univ Hosp Münster, Dept Internal Medicine D, Münster, GERMANY.

SP260
BONE MARROW MESENCHYMAL STROMAL CELLS INFUSION IN CKD PATIENTS: SAFETY AND FEASIBILITY STUDY WITH ONE YEAR FOLLOW UP VISIT
Soroosh Shekarchiani1, Atieh Makhlough1, Reza Moghadasi1, Soroosh Shekarchiani1, Naser Aghdam1, 1Royan Inst, Regenerative Biomedicine, Tehran, IRAN, 2Sari Univ Medical Sciences, Nephrology, Sari, IRAN.

SP261
RAGE−DNA APTAMER IMPROVES MR−ASSOCIATED RENAL INJURY THROUGH RAC1−MEDIATED MR ACTIVATION
Kensei Taguchi1, Sho-ichi Yamagishi1, Yosuke Nakayama1, Uichiro Higashimoto3, Katsuhiko Asanuma4, Yasuhiko Yamamoto5, Seiji Ueda1, Kei Fukami1, Div Nephrology, Dept Medicine, Kurume Univ School Medicine, Kurume-shi, JAPAN, 2Dept Pathophysiology and Therapeutics of Diabetic Vascular Complications, Kurume Univ School Medicine, Kurume-shi, JAPAN, 3Dept Medical Biochemistry, Dept Medicine, Kurume Univ School Medicine, Kurume-shi, JAPAN, 4Div Nephrology, Kyoto Univ Graduate School Medicine, Kyoto-shi, JAPAN, 5Dept Biochemistry and Molecular Vascular Biology, Kanazawa Univ Graduate School Medical Science, Kanazawa-shi, JAPAN.

SP262
CAN WE FURTHER ENRICH ADPKD CLINICAL TRIALS FOR RAPIDLY PROGRESSIVE PATIENTS? APPLICATION OF THE PROPKD SCORE IN THE TEMPO TRIAL
Emilie Cornec-Le Gall1,2, Olivier Devuyst3, Ron Gansevoort4, Ron Perrone5, Arlene Chapman6, Frank Czerwiec7, John Ouyang7, Wen Zhou-CW7, Jaime Blais7, Sharin Rothen2, Christina Heyer1, Sarah Mauritz1, Yannick Le Meur2, Vicente Torres1, Peter Harris1, 1Mayo Clinic, Nephrology, Rochester, MN, 2CHU, Nephrology, Brest, FRANCE, 3Univ, Physiology, Zurich, SWITZERLAND, 4UMC, Nephrology, Groningen, NETHERLANDS, 5Tufts MC, Nephrology, Boston, MA, 6Univ, Nephrology, Chicago, IL, 7Otsuka, PDC, Rockville, MD.

SP263
EFFECTS OF ALCOHOL CONSUMPTION ON CHRONIC KIDNEY DISEASE: A SEVEN YEAR COHORT STUDY
Hon-Yen Wu1,2, Hung-Ju Lin2,3, Mei-Ru Chen1,3, Yu-Sen Peng1,2, Yu-Kang Tu3, Kuan-Yu Hung2, Kuo-Liong Chien2,3, 1Far Eastern Memorial Hosp, Internal Medicine, New Taipei City, TAIWAN, 2National Taiwan Univ Hosp and College Medicine, Internal Medicine, Taipei, TAIWAN, 3National Taiwan Univ, Inst Epidemiology and Preventive Medicine, Taipei, TAIWAN.

SP264
SIGNIFICANCE OF SERUM SODIUM CONCENTRATION IN THE VERY EARLY TREATMENT PHASE OF CONGESTIVE HEART FAILURE COMPROMISED BY ADVANCED CHRONIC KIDNEY DISEASE: POSTHOC ANALYSIS OF THE K-STAR STUDY
Naoto Tominaga1, Keisuke Kida2, Takayuki Inomata3, Naoki Sato4, Tohru Izumi5, Yoshihiro J. Akashi2, Yugo Shibagaki1, 1St. Marianna Univ School Medicine, Div Nephrology and Hypertension, Dept Internal Medicine, Kawasaki, JAPAN, 2St. Marianna Univ School Medicine, Div Cardiology, Dept Internal Medicine, Kawasaki, JAPAN, 3Kitasato Univ School Medicine, Dept Cardio-angiology, Sagamihara, JAPAN, 4Nippon Medical School Musashi-Kosugi Hosp, Cardiology and Intensive Care Unit, Kawasaki, JAPAN, 5Niigata Minami Hosp, Div Cardiology, Dept Internal Medicine, Niigata, JAPAN.
SP265
HIGH SOLUBLE UROKINASE-TYPE PLASMINOGEN ACTIVATOR RECEPTOR (SUPAR) IS A STRONG, INDEPENDENT PREDICTOR OF THE RISK OF WORSENING PROTEINURIA AND CKD PROGRESSION IN STAGE 2-5 CKD PATIENTS
Carmine Zoccali, Patrizia Pizzini, Daniela Leonardis, Claudia Torino, Maurizio Postorino, Giovanni Tripepi, Francesca Mallamaci, on behalf of MAURO Study Working Group, CNR-IFC, & Nephrology and Renal Transplantation Unit, Reggio Calabria, ITALY.

SP266
PREDICTING PROGRESSION IN CKD: CORIN BALANCES HEART AND RENAL SYSTEMS
Carlo Alberto Ricciardi, Antonio Lacquaniti, Francesca De gregorio, Annamaria Brutto, Luca Visconti, Viviana Lacava, Saverio Loddo, Domenico Santoro, Michele Buemi, Univ Messina, Clinical and Experimental Medicine, Messina, ITALY.

SP267
PITFALLS OF DRUG DEVELOPMENT FOR CHRONIC KIDNEY DISEASE IN MOUSE MODELS
Anja Thorenz1, Song Rong1, Rongjun Chen1, Katja Hueper2, Bennet Hensen2, Jan Hinrich Braesen3, Martin Meier4, Hermann Haller1, Andreas Klos5, Faikah Gueler1, 1Medical School Hannover, Hannover, GERMANY, 2Medical School Hannover, Pathology, Hannover, GERMANY, 3Medical School Hannover, Central Animal Facility, Hannover, GERMANY, 4Medical School Hannover, Microbiology, Hannover, GERMANY.

SP268
THE ASSOCIATION OF MIDLIFE URIC ACID WITH KIDNEY FUNCTION IN THE GENERAL POPULATION AFTER 26 YEARS OF FOLLOW-UP
Anný R. Guðmundsdóttir1, Thor Aspelund2,3, Vilmundur Guðnason2,1, Bjørn O. Eriksen4, Margrét B. Andrewsóttír5, 1Univ Iceland, Fac Medicine, Reykjavik, ICELAND, 2Icelandic Heart Association, Research Inst, Kopavogur, ICELAND, 3Univ Iceland, Public Health Sciences, Reykjavik, ICELAND, 4UIT Arctic Univ Norway, Metabolic and Renal Research Group, Tromsø, NORWAY, 5Landspitali - Univ Hosp, Nephrology, Reykjavik, ICELAND.

SP269
LIPOPHILIC INDEX, KIDNEY FUNCTION, AND KIDNEY FUNCTION DECLINE
Hong Xu1, Johan Årnlöv2, Bo Sandhagen2, Ulf Risérus3, Bengt Lindholm1, Lars Lind2, Juan Jesus Carrero1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, SWEDEN, 2Uppsala Univ, Dept Medical Sciences, Cardiovascular Epidemiology, Uppsala, SWEDEN, 3Uppsala Univ, Dept Public Health and Caring Sciences, Clinical Nutrition and Metabolism, Uppsala, SWEDEN.

SP270
DYNAMIC REGULATION OF CIRCULATING LONG NONCODING RNAS IN END-STAGE RENAL DISEASE
Chun-Fu Lai1, Yen-Ting Chen2, Jian Gu3, Kai-Chien Yang1,2, 1National Taiwan Univ Hosp, Internal Medicine, Taipei, TAIWAN, 2National Taiwan Univ College Medicine, Graduate Inst Pharmacology, Taipei, TAIWAN, 3Thermo Fisher Scientific, Sr. Staff Scientist, Austin, TX.

SP271
NRF2 ACTIVATOR AMELIORATES AGING RELATED PROGRESSIVE RENAL INJURY
Bum Soon Choi, Catholic Univ Korea, Nephrology, Internal Medicine, Seoul, KOREA.

SP272
KIDNEY ENDOWMENT PRESERVATION AND CLINICAL OUTCOME IN PATIENTS WITH RENAL CANCER: IS NEPHRON SPARING SURGERY ALWAYS SUPERIOR TO RADICAL NEPHRECTOMY IN TERM OF OTHER CAUSES MORTALITY?
Francesco Trevisani1, Alessandro Larcher1, Umberto Capitanio1, Esteban Porrini2, Carlo Terrone3, Alessandro Antonelli4, Andrea Minervini5, Cristian Fioriri6, Alberto Brighenti1, Roberto Bertani1, Francesco Scartasci1, San Raffaele Scientific Inst, Urology/Urinary, Milan, ITALY, 2Centre Biomedical Research Canary Island, Nephrology, La Laguna, Tenerife, SPAIN, 3Univ Piemonte Orientale, Urology, Novara, ITALY, 4Univ Brescia, Urology, Brescia, ITALY, 5Careggi Hosp, Univ Florence, Urology, Florence, ITALY, 6Univ Turin, Urology, Turin, ITALY.

SP273
PERICYTE CD248 PROMOTES FIBROSIS THROUGH INDUCTION OF PRO-FIBROTIC MACROPHAGES DURING KIDNEY INJURY
Chia-Hao Liu1, Chen-Hsueh Pai2, Shu-Wha Lin2, Shuei-Liong Lin1,3, 1National Taiwan Univ, Graduate Inst Physiology, Taipei, TAIWAN, 2National Taiwan Univ, Dept Clinical Lab Sciences and Medical Biotechnology, Taipei, TAIWAN, 3National Taiwan Univ, Dept Internal Medicine, Taipei, TAIWAN.

SP274
EXPOSURE IN TIME TO SERUM URIC ACID INFLUENCES THE RISK OF DEATH OF CKD PATIENTS
Antonio Santoro1, Marcora Mandreoli2, Dino Gibertoni3, On behalf of the PIRP Project Nephrologists, 1Policlinico S.Orsola-Malpighi, Nephrology, Dialysis and Hypertension Unit, Bologna, ITALY, 2osp S.Maria della Scaletta, Nephrology and Dialysis Unit, Imola, ITALY, 3Univ Bologna, Dept Biomedical and Neuromotor Sciences, Bologna, ITALY.
SUNDAY, MAY 22
Final Programme

Posters

SP275
SPECTRUM & SEVERITY OF PERIPHERAL NEUROPATHY IN CHRONIC KIDNEY DISEASE & ELECTROPHYSIOLOGICAL PATHOLOGICAL CORRELATION - A PROSPECTIVE STUDY
Pinaki Mukhopadhyay1, B Sholanki2, SP Saha2, 1NRS Medical College, Nephrology, Kolkata, INDIA, 2NRS Medical College, Neurology, Kolkata, INDIA.

SP276
HIGH PROTEIN AGGRAVATES, AND MINERALOCORTICOID ANTAGONISM AMELIORATES RENAL INJURY IN THE BTBR OB/OB MOUSE MODEL OF DIABETIC NEUROPATHY
Leena William-Olsson1, Maria Wigstram1, Gina Hyberg2, Ulrika Dahlqvist1, Ann-Katrin Andersson1, Anneli Nordqvist3, Magnus Söderberg4, Krister Bamberg1, Anna B. Granqvist1, Ulrika Johansson1, 1AstraZeneca R&D, CVMD iMed Bioscience, Gothenburg, SWEDEN, 2AstraZeneca R&D, DNM LAS, Gothenburg, SWEDEN, 3AstraZeneca R&D, Medicinal Chemistry, Gothenburg, SWEDEN, 4AstraZeneca R&D, DNM Pathology Sciences, Gothenburg, SWEDEN.

SP277
CONSTITUTIVE ACTIVATION OF PDGFR-β IN RENAL MESENCHYMAL CELLS DRIVES RENAL FIBROSIS
Eva M. Buhl1, Sonja Djudjaj1, Barbara M. Klinkhammer1, Erewan Borkham-Kamphorst2, Ralf Weiskirchen2, Lorin E. Olson3, Jürgen Floege4, Peter Boor1, 1RWTH Aachen Univ, Inst Pathology, Aachen, GERMANY, 2RWTH Aachen Univ, Inst Molecular Pathobiology, Experimental Gene Therapy and Clinical Chemistry, Aachen, GERMANY, 3Oklahoma Medical Research Foundation, Immunobiology and Cancer Research Program, Oklahoma City, OK, 4RWTH Aachen Univ, Dept Nephrology, Aachen, GERMANY.

SP278
PLASMA SOLUBLE (PRO)RENIN RECEPTOR REFLECTS INTRARENAL RENIN ANGIOTENSIN SYSTEM ACTIVITY AND RENAL DAMAGE
Naro Ohashi1, Shinsuke Isobe1, Sayaka Ishigaki1, Takamasa Ikawa1, Masafumi Ono3, Tomoyuki Fujikura1, Takayuki Tsuji1, Yasuo Ishii2, Akihiko Kato3, Seiichiro Otsu2, Hideo Yasuda1, Hamamatsu Univ School Medicine, First Dept Medicine, Hamamatsu, JAPAN, 2Hamamatsu Univ School Medicine, Urology, Hamamatsu, JAPAN, 3Hamamatsu Univ School Medicine, Blood Purification Unit, Hamamatsu, JAPAN.

SP279
CHANGE IN SKIN AUTOFLUORESCENCE OVER ONE YEAR PREDICTS MORTALITY AT FIVE YEARS IN A PROSPECTIVE COHORT OF PEOPLE WITH CHRONIC KIDNEY DISEASE STAGE 3
Adam Shardlow1,2, Natasha J. McIntyre1, Richard J. Fluck1, Chris W. McIntyre3, Maarten W. Taal1,2, 1Royal Derby Hosp, Renal Medicine, Derby, UK, 2Univ Nottingham, Div Medical Sciences and Graduate Entry Medicine, Nottingham, UK, 3Univ Western Ontario, Schulich School Medicine and Dentistry, London, ON, CANADA.

SP280
HIGH-DENSITY LIPOPROTEIN - SYMMETRIC DIMETHYLARGININE - A CKD-SPECIFIC ASSOCIATION PROMOTING PREMATURE CARDIOVASCULAR DISEASE
Stephen Zewinger1, Marcus E. Kleber2, Sarah Trieml1, Marlene Lehmann1, Phillip M. Lepper3, Günther Silbernagel4, Hubert Scharnagl5, Andreas Ritsch6, Ulrich Laufs7, Danilo Fiser1, Winfried März2, Thimoteus Speer1, 1Saarland Univ Hosp, Dept Internal Medicine IV, Homburg / Saar, GERMANY, 2Univ Heidelberg, Mannheim Medical Fac, Medical Clinic V (Nephrology Hypertension Endocrinology Diabetology Rheumatology), Mannheim, GERMANY, 3Saarland Univ Hosp, Dept Internal Medicine IV, Homburg / Saar, GERMANY, 4Univ Heidelberg, Dept Angiology, Swiss Cardiovascular Center, Bern, SWITZERLAND, 5Medical Univ Graz, Clinical Inst Medical and Chemical Lab Diagnostics, Graz, AUSTRIA, 6Univ Maastricht, CARIM School Cardiovascular Diseases, Maastricht, NETHERLANDS, 7Univ Graz, Inst Cardiological and Medical Sciences, Graz, UK.

SP281
PEPTIDKDDB – PEPTIDE–CENTRIC DATABASE FOR THE INVESTIGATION OF CHRONIC KIDNEY DISEASE DEVELOPMENT AND PROGRESSION
Magdalena Krochmal1,2, Marco Fernandes3, Szymon Filip1,4, Claudia Pontillo5,4, Joachim Jankowski2,6, Holger Husi3, Jeromie Zoidakis1, Harald Mischak5,7, Antonia Vlahou1, 1Biomedical Research Foundation Academy Athens, Center Basic Research, Athens, GREECE, 2RWTH Aachen Univ, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 3Univ Glasgow, BHF Glasgow Cardiovascular Research Centre, Glasgow, UK, 4Charite - Universitätsmedizin Berlin, Experimental Nephrology and Hypertension, Berlin, GERMANY, 5Mosaïques Diagnostics GmbH, Mosaïques Diagnostics GmbH, Hannover, GERMANY, 6Univ Maastricht, CARIM School Cardiovascular Diseases, Maastricht, NETHERLANDS, 7Univ Graz, Inst Cardiological and Medical Sciences, Graz, UK.

SP282
URINARY NGAL IS ASSOCIATED WITH TUBULAR ATROPHY IN PATIENTS WITH CKD
Olga Galkina, Evdokia Bogdanova, Irina Zubina, Mokhamad Khasan, Vasiliy Sipovsksiy, Alexey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Nephrology Research Inst, Saint Petersburg, RUSSIAN FEDERATION.

SP283
RENAL IMPAIRMENT EFFECTS ON PLASMA AND TISSUE EXPOSURE OF UNCONJUGATED AND GALNAC-JOINT conjugated ANTIMIERS IN A CHRONIC KIDNEY DISEASE (CKD) MOUSE MODEL
John Grundy1, Kai Liu1, Cynthia Heinlein1, Julia Kaplan1, Salma Sarwary1, Shweta Pandya1, Shiguang Liu2, 1Regulus Therapeutics, DMPK/TOX, San Diego, CA, 2Sanofi-Genzyme, R&D Center, Framingham, MA.
**SP284**

**ARTERIAL STIFFNESS CALCULATED FROM PERIPHERAL ARTERIAL PULSE PRESSURE IS INDEPENDENTLY ASSOCIATED WITH ALL-CAUSE MORTALITY IN THE GENERAL POPULATION**

Maarten A. de Jong1, Arie M. van Roon2, Jens T. Bakker2, Wernard Kersten2, Pieter W. Kamphuisen2, Ron T. Gansevoort1, Stephan J. L. Bakker1, Martin H. de Borst1, 1Univ Medical Center Groningen, Nephrology, Groningen, NETHERLANDS, 2Univ Medical Center Groningen, Vascular Medicine, Groningen, NETHERLANDS.

**SP285**

MORE THAN ONE THIRD OF RENAL PATIENTS UNDER PRIMARY CARE IN THE UK ARE NOT RECEIVING THE RECOMMENDED STATIN THERAPY FOR PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE

Johannes Scheppach1, Faye Cleary2, Lois Kim2, Dorothea Nitsch2, David C. Wheeler4, Ben Caplin4, 1Univ Erlangen-Nürnberg, Dept Nephrology and Hypertension, Erlangen, GERMANY, 2London School Hygiene and Tropical Medicine, Dept Non-communicable Disease Epidemiology, London, UK, 3Queen Mary Univ London, Centre Primary Care and Public Health, London, UK, 4Univ College London, Dept Nephrology, London, UK.

**SP286**

PLASMA BETA TRACE PROTEIN PREDICTS MORTALITY IN CKD: RELATION WITH ENDOTHELIAL DYSFUNCTION

Amaryllis Van Craenenbroeck1,2, Abdul Rashid Qureshi1, Ann-Christin Bragfors-Helin1, Per Simonsson3, Bengt Lindholm1, Peter Barany1, Björn Anderstam1, Olaf Heimbürger1, Peter Stenvinkel1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, CLINTEC, Stockholm, SWEDEN, 2Antwerp Univ Hosp, Dept Nephrology, Antwerp, BELGIUM, 3Siemens Healthcare AB, Siemens, Upplands Väsby, SWEDEN.

**SP287**

VALIDATION OF THE BANSAL AND WEISS MORTALITY SCORES IN THE MRC OLDER AGE STUDY

Dorothea Nitsch, LSHTM, Dept Non-Communicable Disease Epidemiology, London, UK.

**SP288**

ABILITY OF A UK ROUTINELY COLLECTED PRIMARY CARE DATABASE TO IDENTIFY PREVALENCE OF CHRONIC KIDNEY DISEASE AND RENAL REPLACEMENT THERAPY

Masao Iwagami1, Laurie Tomlinson1, Kathryn Mansfield1, Anna Casula2, Fergus Caskey2, Dorothea Nitsch1, 1London School Hygiene and Tropical Medicine, Dept Non-Communicable Disease Epidemiology, London, UK, 2UK Renal Association, Renal Registry, Bristol, UK.

**SP289**

(MICRO)ALBUMINURIA, BUT NOT ESTIMATED GLOMERULAR FILTRATION RATE, IS ASSOCIATED WITH DEPRESSION - THE MAASTRICHT STUDY

Remy J. H. Martens1,2, Ronald M. A. Henry3,4, Pieter C. Dagnelie3,5,6, Carla J. H. van der Kallen3,4, Annemarie Koster5,7, Abraham A. Kroon3,4, Karel M. L. Leunissen1, Frank M. van der Sande1, Nicolaas C. Schaper3,4, Simone J. S. Sep3,4, Sebastian Köhler8,9, Miranda T. Schram3,4, Coen D. A. Stehouwer3,4, Jeroen P. Kooman1,2, 1Maastricht UMC+, Internal Medicine, Div Nephrology, Maastricht, NETHERLANDS, 2Maastricht Univ, NUTRIM School Nutrition and Translational Research in Metabolism, Maastricht, NETHERLANDS, 3Maastricht UMC+, Internal Medicine, Maastricht, NETHERLANDS, 4Maastricht Univ, CARIM School Cardiovascular Diseases, Maastricht, NETHERLANDS, 5Maastricht Univ, CAPHRI School Public Health and Primary Care, Maastricht, NETHERLANDS, 6Maastricht UMC+, Internal Medicine, Maastricht, NETHERLANDS, 7Maastricht Univ, Social Medicine, Maastricht, NETHERLANDS, 8Maastricht UMC+, Psychiatry and Neuropsychology, Alzheimer Centre Limburg, Maastricht, NETHERLANDS, 9Maastricht Univ, MHeNs School Mental Health and Neuroscience, Maastricht, NETHERLANDS.

**SP290**

NUTRITIONAL COMPETENCE IN CHRONIC DIALYSIS PATIENTS PRIOR TO DEATH

XIAOLING YE1, Stephan Thijssen1, Jochen Raimann1, Bernard Canaud2, Daniele Marcelli3, Adrian Guinsburg4, Xiaoqi Xu5, Albert Power6, Neill Duncan7, Jeroen Kooman8, Frank van der Sande8, Len Usylvat9, Peter Kotanko1, 1Renal Research Inst, Research, New York, NY, 2Fresenius Medical Care, Medical Board, Bad Homburg, GERMANY, 3Fresenius Medical Care, Medical Affairs, Buenos Aires, ARGENTINA, 4Fresenius Medical Care-Latin America, Medical Board, Buenos Aires, ARGENTINA, 5Fresenius Medical Care Asia-Pacific, Medical Affairs, Hong Kong, CHINA, 6Imperial College London, Renal Medicine, London, UK, 7Imperial College, Nephrology, London, UK, 8Maastricht Univ Medical Centre, Internal Medicine, Maastricht, NETHERLANDS, 9Fresenius Medical Care NA, Analytics, Waltham, MA.

**SP291**

HIGH SOLUBLE UROKINASE-TYPE PLASMINOGEN ACTIVATOR RECEPTOR (SUPAR) AND THE RISK OF DEATH AND CARDIOVASCULAR (CV) EVENTS IN STAGE 2-5 CKD PATIENTS

Carmine Zoccali, Patrizia Pizzini, Daniela Leonardis, Claudia Torino, Maurizio Postorino, Giovanni Tripepi, Francesca Mallamaci, on behalf of MAURO Study Working Group, CNR-IFC, 1Renal and Nephrology and Renal Transplantation Unit, Reggio Calabria, ITALY.
SP292
SPIRONOLACTONE TREATMENT AND EFFECT ON SURVIVAL IN CHRONIC HEART FAILURE PATIENTS WITH REDUCED RENAL FUNCTION, A PROPENSITY SCORE MATCHED STUDY
Viera Stubnova1,2, Ingrid Os2,3, Morten Grundtvig4, Bård Waldum-Grevbo3,5, 1Finmark Hosp Trust, Dept Medicine, Kirkenes, NORWAY, 2Univ Oslo, Inst Clinical Medicine, Oslo, NORWAY, 3Oslo Univ Hosp, Ullevål, Dept Nephrology, Oslo, NORWAY, 4Innlandet Hosp Trust, Dept Medicine, Lillehammer, NORWAY, 5Diakonhjemmet Hosp, Dept Medicine, Oslo, NORWAY.

SP293
DUAL COMPARED TO SINGLE RENIN-ANGIOTENSIN SYSTEM INHIBITION AND RISK OF RENAL REPLACEMENT THERAPY OR DEATH IN PREDIALYSIS PATIENTS: PREPARE-2 STUDY
Pauline W. M. Voskamp, Friedo W. Dekker, Merel van Diepen, Ellen K. Hoogeveen, PREPARE-2 study group, LUMC, Clinical Epidemiology, Leiden, NETHERLANDS.

SP294
HYDRATION STATUS ASSESSMENT IN CHRONIC KIDNEY DISEASE - COMPARISON OF DIFFERENT TECHNIQUES
Andreea Andronesi1,2, Andreea Fetecau2, Vlad Berbecar1, Danut Andronesi3, Gener Ismail1,2, 1Fundeni Clinical Inst, Dept Nephrology, Bucharest, ROMANIA, 2UMF Carol Davila, Dept Nephrology, Bucharest, ROMANIA, 3Fundeni Clinical Inst, Dept General Surgery and Liver Transplant, Bucharest, ROMANIA.

SP295
PRURITIS IN CHRONIC KIDNEY DISEASE PATIENTS: EARLY RESULTS FROM CKDOPPS
Nidhi Sukul1, Mia Wang2, Brian Bieber2, Yun Li3, Antonio A. Lopes4, Elodie Speyer2, Ronald L. Pisoni2, Bruce M. Robinson2, Laura Mariani2, Bénédicte Stengel5, on behalf of CKDopps and CKD-REIN investigators, 1Univ Michigan, Dept Nephrology, Ann Arbor, MI, 2Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3Univ Michigan, Dept Biostatistics, Ann Arbor, MI, 4Federal Univ Bahia, Dept Internal Medicine, Salvador, BRAZIL, 5Paris Sud Univ, UMRS 1018, Villejuif, FRANCE.

SP296
THYROID FUNCTIONAL DISORDERS ASSOCIATED WITH MORTALITY IN CHRONIC KIDNEY DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS
Hong Xu1, Nele Brusselaers2, Bengt Lindholm1, Carmine Zoccali3, Juan Jesus Carrero1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, SWEDEN, 2Karolinska Inst, Dept Molecular Medicine and Surgery, Stockholm, SWEDEN, 3Osp Riuniti, Div Nephrology, Dialysis and Transplantation, Reggio Calabria, ITALY.

SP297
PATIENTS' PERSPECTIVES ON EDUCATION RECEIVED ABOUT KIDNEY DISEASE AND RENAL REPLACEMENT THERAPY: RESULTS FROM THE CHRONIC KIDNEY DISEASE OUTCOMES AND PRACTICE PATTERNS STUDY (CKDOPPS)
Elodie Speyer1, Charlotte Tu1, Serge Briançon2, Antonio A. Lopes3, Laura H. Mariani1, Ronald L. Pisoni2, Bruce M. Robinson2, Nidhi Sukul4, Benedicte Stengel5, on behalf of CKDopps and CKD-REIN investigators, 1Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2CHU Nancy, Pole S2R, Epidemiologie et Evaluation Cliniques, EA4360 Apemac, Nancy, FRANCE, 3Fac Medicina Bahia, Univ Federal Bahia, Salvador, BRAZIL, 4Univ Michigan, Dept Nephrology, Ann Arbor, MI, 5Paris Sud Univ, UMRS 1018, Villejuif, FRANCE.

SP298
ACUTE-ON-CHRONIC KIDNEY INJURY (ACKI): DATA FROM A LARGE OBSERVATIONAL PROGRAM
Elena Mancini1, Marcora Mandreoli2, Dino Gibertoni3, Antonio Santoro1, On behalf of the PIRP Project Nephrologists, 1Policlinico S.Orsola-Malpighi, Nephrology Dialysis Hypertension, Bologna, ITALY, 2Osp S.Maria della Scaletta, Nephrology and Dialysis, Imola, ITALY, 3Univ Bologna, Biomedical and Neuromotor Sciences, Bologna, ITALY.

SP299
PREVALENCE OF CHRONIC KIDNEY DISEASE IN KOREA: THE KOREAN NATIONAL HEALTH < NUTRITIONAL EXAMINATION SURVEY 2011-2013
Hyunjeong Baek1, Ji In Park2, Hae Hyuk Jung1, 1Kangwon National Univ, Internal Medicine, Chuncheon, KOREA, 2Kwangwon National Univ Hosp, Internal Medicine, Chuncheon, KOREA.

SP300
LONG-TERM CLINICAL OUTCOMES IN ATHEROSCLEROTIC RENOVASCULAR DISEASE: A SINGLE-CENTER OBSERVATIONAL STUDY.
Diana Vassallo1, James Ritchiel1, Darren Green1, Constantina Chryssochou1, Joseph Blunt2, Philip A. Kalra, 1Salford Royal NHS Foundation Trust, Dept Renal Medicine, Salford, UK, 2Univ Manchester, School Medicine, Manchester, UK.

SP301
PROGNOSIS FOLLOWING ISCHAEMIC STROKE IN PEOPLE WITH CHRONIC KIDNEY DISEASE: A COHORT STUDY OF 650 PEOPLE
Philip Masson1, Patrick J. Kelly1, Jane Maguire2, Jonathan C. Craig1, Richard I. Lindley3, Angela C. Webster1, 1Univ Sydney, School Public Health, Sydney, AUSTRALIA, 2Univ Newcastle, School Nursing and Midwifery, Ourimbah, AUSTRALIA, 3Univ Sydney, George Inst Global Health, Sydney, AUSTRALIA.
SP302
PRE-DIALYSIS DECLINE OF MEASURED GFR BASED ON 24H URINE, BUT NOT ESTIMATED GFR BASED ON SERUM CREATININE IS A RISK FACTOR FOR MORTALITY.
Chava L. Ramspek1, Hakan Nacak1, Merel van Diepen1, Marjolijn van Buren2,3, Raymond T. Krediet4, Joris I. Rotmans3, Friedo W. Dekker1, 1Leiden Univ Medical Center, Clinical Epidemiology, Leiden, NETHERLANDS, 2Haga Hosp, Internal Medicine, The Hague, NETHERLANDS, 3Leiden Univ Medical Center, Nephrology, Leiden, NETHERLANDS, 4Academic Medical Center, Nephrology, Amsterdam, NETHERLANDS.

SP303
SCALE AND COSTS OF INTRODUCING CYSTATIN-C EGFR CALCULATIONS TO UK PRIMARY CARE
Rupert W. Major1, David Shepherd1, Nigel J. Brunskill2,1Univ Leicester, Dept Health Sciences, Leicester, UK, 2Univ Leicester, Dept Infection, Immunity and Inflammation, Leicester, UK.

SP304
NON INVASIVE ASSESSMENT OF ARTERIAL STIFFNESS USING PULSE WAVE VELOCITY IN NEPHROLOGY OUTPATIENTS
Usama Elewa1, Beatriz Fernández-Fernández1, Ignacio Mahillo-Fernández2, Alberto Ortiz1, 1Fundación Jiménez Díaz Univ Hosp, Nephrology and Hypertension, Madrid, SPAIN, 2Fundación Jiménez Díaz Univ Hosp, Statistics, Madrid, SPAIN.

SP305
SURVIVAL ANALYSIS OF PEDIATRIC PATIENTS STARTING RENAL REPLACEMENT THERAPY IN JAPAN:A REPORT OF THE JAPANESE SOCIETY FOR PEDIATRIC NEPHROLOGY SURVEY
Mayumi Sak01, Daishi Hirano2, Akira Ashida3, Tetsuji Kaneko4, Masataka Honda5, Shori Takahashi6, Motoshi Hattori7, 1National Center Child Health & Development, Clinical Trials, Setagayaku, JAPAN, 2Jikei Univ School Medicine, Pediatrics, Minatoku, JAPAN, 3Osaka Medical College, Pediatric, Takatsuki, JAPAN, 4Tokyo Metropolitan Children’s Medical Center, Medical Research Support Center, Fuchu, JAPAN, 5Tokyo Metropolitan Children’s Medical Center, Pediatrics, Fuchu, JAPAN, 6Nihon Univ School Medicine, Pediatrics and Child Health, Chiyoda, JAPAN, 7Tokyo Women’s Medical Univ, Pediatric Nephrology, Shinjuku, JAPAN.

SP306
PREVALENCE, DIAGNOSIS AND NEPHROLOGY CARE OF CKD IN THE REGION OF STOCKHOLM
Alessandro Gasparini1, Marie Evans1, Abdul Rashid Qureshi1, Johan Arnlov2, Peter Barany1, Josef Coresh3, Bjorn Wettermark4,5, Carl-Gustaf Elinder1,4, Juan-Jesus Carrero1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, CLINTEC, Stockholm, SWEDEN, 2Uppsala Univ, Dept Medical Sciences, Cardiovascular Epidemiology, Uppsala, SWEDEN, 3Johns Hopkins Bloomberg School Public Health, Dept Epidemiology, Baltimore, MD, 4Stockholm County Council, Public Healthcare Services Committee, Stockholm, SWEDEN, 5Karolinska Inst, Dept Medicine, Centre Pharmacoepidemiology, Stockholm, SWEDEN.

SP307
LEVEL OF ESTIMATED GLOMERULAR FILTRATION RATE AT THE START OF RENAL REPLACEMENT THERAPY IN JAPANESE PEDIATRIC PATIENTS:A REPORT OF THE JAPANESE SOCIETY FOR PEDIATRIC NEPHROLOGY SURVEY
Daishi Hirano1, Mayumi Sak01, Akira Ashida3, Tetsuji Kaneko4, Masataka Honda5, Shori Takahashi6, Motoshi Hattori7, 1Jikei Univ School Medicine, Pediatrics, Minatoku, JAPAN, 2National Center Child Health & Development, Clinical Trials, Setagayaku, JAPAN, 3Osaka Medical College, Pediatric, Takatsuki, JAPAN, 4Tokyo Metropolitan Children’s Medical Center, Medical Research Support Center, Fuchu, JAPAN, 5Tokyo Metropolitan Children’s Medical Center, Pediatrics, Fuchu, JAPAN, 6Nihon Univ School Medicine, Pediatrics and Child Health, Chiyoda, JAPAN, 7Tokyo Women’s Medical Univ, Pediatric Nephrology, Shinjuku, JAPAN.

SP308
ESTIMATED GLOMERULAR FILTRATION RATE, (MICRO)ALBUMINURIA AND COGNITIVE PERFORMANCE - THE MAASTRICHT STUDY
Remy Martens1,2, Jeroen P. Kooman1,2, Coen D. A. Stenhouwer3,4, Pieter C. Dagnelie4,5,6, Carla J. H. van der Kallen3,4, Annemarie Koster5,7, Abraham A. Kroon3,4, Karel M. L. Leunissen1,2, Giel Nijpels8,9, Frank M. van der Sande1, Nicolaas C. Schaper3,4, Simone J. S. Sep3,4, Frans R. J. Verhey10,11, Martin P. J. van Boxtel10,11, Miranda T. Schram3,4, Ronald M. A. Henry3,4, 1Maastricht Univ, Internal Medicine, Div Nephrology, Maastricht, NETHERLANDS, 2Maastricht Univ, NUTRIM School Nutrition and Translational Research Metabolism, Maastricht, NETHERLANDS, 3Maastricht Univ, Internal Medicine, Maastricht, NETHERLANDS, 4Maastricht Univ, CARIM School for Cardiovascular Diseases, Maastricht, NETHERLANDS, 5Maastricht Univ, CAPHRI School Public Health and Primary Care, Maastricht, NETHERLANDS, 6MAastrict Univ, Epidemiology, Maastricht, NETHERLANDS, 7Maastricht Univ, Social Medicine, Maastricht, NETHERLANDS, 8VU Univ Medical Center, General Practice, Amsterdam, NETHERLANDS, 9VU Univ Medical Center, EMGO Inst Health and Care Research, Amsterdam, NETHERLANDS, 10Maastrict Univ, Psychiatry and Neuropsychology, Alzheimer Centre Limburg, Maastricht, NETHERLANDS, 11Maastrict Univ, MHeNs School for Mental Health and Neuroscience, Maastricht, NETHERLANDS.
CHRONIC KIDNEY DISEASE. ANAEMIA

SP309
SAFETY AND EFFICACY OF MOLIDUSTAT IN ERYTHROPOIESIS STIMULATING AGENTS (ESA) PRE-TREATED ANAEMIC PATIENTS WITH CHRONIC KIDNEY DISEASE NOT ON DIALYSIS (CKD-ND)
Iain C. Macdougall1, Tadao Akizawa2, Jeffrey Berms3, Silvia Lenti4, Thomas Bernhardt5, Thilo Krüger4, 1King’s College Hosp, Nephrology, London, UK, 2Showa Univ School Medicine, Div Nephrology, Tokyo, JAPAN, 3Univ Pennsylvania, Nephrology, Philadelphia, PA, 4Bayer AG, HealthCare, Wuppertal, GERMANY, 5Bayer AG, HealthCare, Berlin, GERMANY.

SP310
FUNCTIONAL IRON DEFICIENCY AFFECTS PLATELET INCREASE AFTER HIGH-DOSE ERYTHROPOIETIN STIMULATING AGENTS THERAPY AMONG PREDIALYSIS CKD PATIENTS
SAYOKO YONEMOTO1,2, Takayuki Hamano3, Naohiko Fuji1, Daisuke Hayashi1, Isao Matsui2, Yoshitaka Isaka2, 1Hyogo Prefectural Nishinomiya Hosp, Dept Internal Medicine, Nishinomiya, JAPAN, 2Osaka Univ Graduate School Medicine, Dept Nephrology, Suita, JAPAN, 3Osaka Univ Graduate School Medicine, Dept Comprehensive Kidney Disease Research, Suita, JAPAN.

SP311
A MODEL TO PREDICT HAEMATOPOIETIC NON-RESPONSE TO ORAL IRON IN PATIENTS WITH NON-DIALYSIS DEPENDENT CKD (ND-CKD): AN ANALYSIS FROM THE FIND-CKD TRIAL
Iain Macdougall1, Andreas H. Bock2, Fernando Carrera3, Kai-Uwe Eckardt4, Carlo A. Gaillard5, David B. Van Wyck6, Yvonne Meier7, Sylvain Larroque7, Simon D. Roger8, 1King’s College Hosp, Dept Renal Medicine, London, UK, 2Kantonsspital, Dept Nephrology, Aarau, SWITZERLAND, 3Royal Victoria Hospital, Dept Nephrology, Turin, ITALY, 4Davita Healthcare Partners, Clinical Support Services, Denver, CO, 5Dong-A Pharm, Dept Medical, Seoul, KOREA, 6Hexal AG, Biostatistics, Holzkirchen, GERMANY, 7Daiichi Sankyo, Dept Clinical Development, Osaka, JAPAN, 8Daiichi Sankyo, Global Research & Development, Princeton, NJ.

SP312
EVALUATION OF THE SAFETY AND IMMUNOGENICITY OF SUBCUTANEOUS (SC) HX575 EPOETIN ALFA IN THE TREATMENT OF ANAEMIA ASSOCIATED WITH CHRONIC KIDNEY DISEASE (ND-CKD)
Nicole Casadevall1, Vladimir Dobronravov2, Kai-Uwe Eckardt3, Sehsuvar Erturk4, Liliya Martynyuk5, Susanne Schmitt6, Marite Ode7, Gregor Schaffar7, Elísio Costa1, Luís Belo1, Flávio Reis2, 1Research Unit Applied Molecular Biosciences (UCIBIO), REQUIMTE, Lab Biochemistry, Fac Pharmacy, Univ Porto, Porto, PORTUGAL, 2Lab Pharmacology & Experimental Therapeutics, Inst Biomedical Imaging and Life Sciences, Fac Medicine, Univ Coimbra, Coimbra, PORTUGAL, 3Center Neuroscience and Cell Biology - Inst Biomedical Imaging and Life Sciences (CNC.IBILI), Univ Coimbra, Coimbra, PORTUGAL.

SP313
LIVER IRON IS A MAJOR REGULATOR OF HEPCIDIN GENE EXPRESSION VIA BMP/SMAD PATHWAY IN A RAT MODEL OF CHRONIC RENAL FAILURE UNDER TREATMENT WITH HIGH rhHuEPO DOSES
Sandra Ribeiro1, Patrícia Garrido2, João Fernandes2, Petronila Rocha-Pereira3, Elísio Costa1, Luís Belo1, Flávio Reis2, 1Research Unit Applied Molecular Biosciences (UCIBIO), REQUIMTE, Lab Biochemistry, Fac Pharmacy, Univ Porto, Porto, PORTUGAL, 2Lab Pharmacology & Experimental Therapeutics, Inst Biomedical Imaging and Life Sciences, Fac Medicine, Univ Coimbra, Coimbra, PORTUGAL, 3Center Neuroscience and Cell Biology - Inst Biomedical Imaging and Life Sciences (CNC.IBILI), Univ Coimbra, Coimbra, PORTUGAL.

SP314
THE EFFECT OF HEMOGLOBIN ON THE RELATIONSHIP BETWEEN GLYCATED HEMOGLOBIN AND OUTCOMES IN PATIENTS WITH STAGE 3-4 DIABETIC CHRONIC KIDNEY DISEASE
I-Ching Kuo, Div Nephrology, Dept Internal Medicine, Kaohsiung Medical Univ Hosp, Kaohsiung City, Taiwan (R.O.C.), TAIWAN.

SP315
PATHOPHYSIOLOGY OF ANEMIA IN A MOUSE MODEL OF CHRONIC KIDNEY DISEASE; HEPCIDIN AND ERYTHROPOIESIS
Tomoko Kimura, Kiyoko Yamamoto, Yuki Morikami, Sayuri Kawada, Takanori Nagai, Masayoshi Nanami, Yasuyuki Nagasawa, Yukiko Hasuike, Takahito Kuragano, Takeshi Nakashima, Hyogo College Medicine, Div Kidney and Dialysis, Dept Internal Medicine, Nishinomiya, JAPAN.

SP316
EPOETIN BETA PEGOL RETAINS ITS HEMATOPOIETIC EFFECT IN THE PRESENCE OF THE SIALIC ACID-METABOLIZING ENZYME SIALIDASE
Ken Aizawa, Ryohi Kawasaki, Yoshihito Tashiro, Michinori Hirata, Koichi Endo, Yasushi Shimonaka, Chugai Pharmaceutical Co., Ltd., Product Research Dept, Kamakura, JAPAN.
INFLUENCE OF ERYTHROPOIETIN ON COGNITIVE FUNCTION IN MAINENTANCE HEMODIALYSIS PATIENTS
Josipa Radič, Mislav Radič, Vedran Kovací, Katarina Dodig-Curković, Milenka Sain, Dragan Ljutić, 1Univ Hosp Split, Dept Nephrology and Dialysis, Split, CROATIA, 2Univ Hosp Osijek, Dept Psychiatry, Osijek, CROATIA.

PSYCHOMETRIC EVALUATION OF THE SHORT FORM 36 (SF-36) AND THE FUNCTIONAL ASSESSMENT OF CANCER THERAPY-ANEMIA (FACT-AN) IN DIALYSIS AND NON-DIALYSIS PATIENTS WITH ANAEMIA ASSOCIATED WITH CHRONIC KIDNEY DISEASE (CKD)
Frederic Finkelstein, Floortje Van Nooten, Ingela Wiklund, Dylan Trundell, David Cell, Y Yale Univ, School Medicine, New Haven, CT, 2Astellas, HEOR, Leiden, NETHERLANDS, 3Evidera, London, UK, 4Northwestern Univ, Dept Medical Social Sciences, Evanston, IL.

IS LIPOSOMAL IRON GOOD ALTERNATIVE OVER IV IRON FOR MAINTENANCE THERAPY IN CKD PATIENTS
Nada Đimković, Vesna Maslaeradić Radojić, Aleksandar Janković, Tatjana Damjanović, Petar Đurić, Jelena Tosić Drago- vic, Ana Mileníc, Zvezdara Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA.

THE ROLE OF IL-1 IN ANEMIA OF CHRONIC KIDNEY DISEASE
Inbar Bandach, Yael Segev, Daniel Landau, 1Ben Gurion Univ Negev, Shraga Segal Dept Microbiology and Immunology, Beer Sheva, ISRAEL, 2Schneider Children's Medical Center, Dept Pediatrics, Petach Tikva, ISRAEL.

SAFETY OF IV IRON THERAPY IN CHRONIC KIDNEY DISEASE PATIENTS
Sunil Bhandari, Vikki Myer, Hull and East Yorkshire Hosps NHS Trust, Renal Medicine, Kingston upon Hull, UK.

A DRUG-DRUG INTERACTION STUDY TO EVALUATE THE EFFECT OF VADADUSTAT ON THE PHARMACOKINETICS OF CELECOXIB, A CYP2C9 SUBSTRATE IN HEALTHY VOLUNTEERS
Curudaisa, Chandorkar, Ramin Farzaneh-Far, Akshay Buch, Bradley Maroni, 1Akebia Therapeutics, Clinical Pharmacology, Cambridge, MA, 2Akebia Therapeutics, Medical Research, Cambridge, MA.

IMPACT OF ANEMIA CORRECTION THERAPY ON CARDIOVASCULAR RISK MARKER-SERUM SOLUBLE ALPHA KLOTHO PROTEIN IN CHRONIC KIDNEY DISEASE PATIENTS
Marina Markina, Ludmila Milovanova, Lidia Kozlovska, Nikolay Mukhin, Svetlana Milovanova, Victor Fomin, Yuriy Milovanov, 1MS Sechenov First Moscow State Medical Univ, Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION, 2Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 3Dept Health Technology, Moscow, RUSSIAN FEDERATION, 4Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION.

OXIDATIVE STRESS & RESISTANCE OF ERYTHROCYTES IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE GD DEPENDING ON MODALITY OF RENAL REPLACEMENT THERAPY
Lesya Koroli, Lydmila Mygal, Olena Burdeyna, Mykola Kolesnyk, 1Inst Nephrology NAMS Ukraine, Biochemistry, Kyiv, UKRAINE, 2Inst Nephrology NAMS Ukraine, Nephrology, Kyiv, UKRAINE.

ASSESSMENT OF LIVER IRON CONTENT BY MAGNETIC RESONANCE IN CHRONIC KIDNEY DISEASE AT THE START OF MAINTENANCE HEMODIALYSIS
Patricia Carrilho, Ines Santiago, Pedro Fidalgo, Marta Alves, 1Hosp Prof Fernando Fonseca, Nephrology, Amadora, PORTUGAL, 2Hosp Prof Fernando Fonseca, Radiology, Amadora, PORTUGAL, 3Centro Hosp Lisboa Central, Epidemiology and Statistics Office Research Unit, Lisboa, PORTUGAL.

COMPARING THE EFFICACY OF CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR AND DARBEPOETIN ALFA TREATMENTS IN JAPANESE PATIENTS WITH CHRONIC KIDNEY DISEASE DURING THE PRE-DIALYSIS PERIOD: A PROPENSITY-MATCHED ANALYSIS
Kiyoto Koibuchi, Toshiyuki Aoki, Taichi Arail, Morisato Miyagi, Atsushi Aikawa, Ken Sakaia, 1Saiseikai Yokohama-City Eastern Hosp, Nephrology, Yokohama, JAPAN, 2Tohoku Univ, School Medicine, Nephrology, Tokyo, JAPAN.

THE ROLE OF PHOSPHORUS, PTH, FGF-23, KLOTHO AND VITAMIN D ON HEMOGLOBIN LEVELS OF PATIENTS WITH CKD
Luigi Russo, Yuri Battalgia, Dario Bruzzone, Biagio Di iorio, Luca Di lullo, Roberto Minutolo, Luigi Morrone, Domenico Russo, 1Univ Federico II, Public Health, Napoli, ITALY, 2Univ-Hosp St. Anna, Nephrology, Ferrara, ITALY, 3Landolfi Hosp, Nephrology, Solfara, ITALY, 4Parodi-Delfino Hosp, Nephrology, Roma, ITALY, 5SUN Univ, Nephrology, Napoli, ITALY, 6Univ A. Moro, Nephrology, Bari, ITALY.
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CHRONIC KIDNEY DISEASE.
NUTRITION, INFLAMMATION AND OXIDATIVE STRESS

SP328
ENDOSTATIN IN CHRONIC KIDNEY DISEASE: ASSOCIATIONS WITH INFLAMMATION, VASCULAR ABNORMALITIES, CARDIOVASCULAR EVENTS AND SURVIVAL
Mehmet Kanbay1, Baris Alsar2, Dimitrie Siriopol3, Mutlu Saglam4, Hilmi U. Unal5, Murat Karaman5, Mustafa Gezer5, Ahmet Tas6, Tayfun Eyileten5, Ahmet K. Guiler5, Ibrahim Aydin5, Yusuf Oguz5, Adrian Covic3, Ilker M. Yilmaz2, 1Koc Univ School Medicine, Nephrology, Istanbul, TURKEY, 2Konya Numune State Hosp, Nephrology, Konya, TURKEY, 3C.I. Parhon Univ Hosp, and Grigore T. Popa Univ Medicine, Nephrology, Iasi, ROMANIA, 4Gulhane School Medicine, Radiology, Ankara, TURKEY, 5Gulhane School Medicine, Nephrology, Ankara, TURKEY, 6Gulhane School Medicine, Biochemistry, Ankara, TURKEY.

SP329
VITAMIN K ELIMINATES UREMIC POSTTRANSLATIONAL MODIFICATIONS OF THE GAMMA-GLUTAMYL CARBOXYLASE
Nadine Kaesler1, Vincent Brandenburg2, Rafael Kramann1, Jürgen Floege1, Joachim Jankowski3, Vera Jankowski3, 1Univ Hosp RWTH Aachen, Medical Clinic II, Aachen, GERMANY, 2Univ Hosp RWTH Aachen, Medical Clinic I, Aachen, GERMANY, 3Univ Hosp RWTH Aachen, Inst Molecular Cardiovascular Research (IMCAR), Aachen, GERMANY.

SP330
TOTAL MICROBIAL BURDEN AND ALTERED ENDOGENOUS PHASE 2 METABOLISM DETERMINES THE RELATIONSHIP BETWEEN P-CRESOL AND ADVERSE OUTCOMES IN PATIENTS WITH CKD
Ruben Poesen, Pieter Evenepoel, Björn Meijers, Univ Hosps Leuven, Nephrology, Leuven, BELGIUM.

SP331
MICROBIOTA DERIVED PHENYLACETYLGLUTAMINE ASSOCIATES WITH SURVIVAL AND CARDIOVASCULAR DISEASE IN PATIENTS WITH CKD
Ruben Poesen, Pieter Evenepoel, Björn Meijers, Univ Hosps Leuven, Nephrology, Leuven, BELGIUM.

SP332
SEVELAMER CARBONATE REDUCES INFLAMMATION IN HUMAN ENDOTHELIAL CELLS EXPOSED TO ADVANCED GLYCATION END PRODUCTS (AGES)
Paulo Gregório1, Giane Favretto1, Guilherme Sassaki2, Regiane da Cunha1, Alessandra Becker-Finco1, Roberto Peoits-Filho3, Wesley Souza4, Fellype Barreto3, Andréa Stinghen1, 1Univ Federal Paraná, Basic Pathology Dept, Curitiba, BRAZIL, 2Univ Federal Paraná, Biochemistry Dept, Curitiba, BRAZIL, 3Pontificia Univ Católica Paraná, School Medicine, Curitiba, BRAZIL, 4Univ Federal Paraná, Clinical Analysis Dept, Curitiba, BRAZIL.

SP333
EFFECT OF CHOLECALCIFEROL SUPPLEMENTATION AS AN ANTI-INFLAMMATORY ON LYMPHOCYTES FROM DIALYSIS PATIENTS: AN IN VIVO AND IN VITRO STUDY
José Tarcisio G. Carvalho1, Marion Schneider1, Lilian Cuppari1, Maria Eugenia Canzian1, Caren C. Grubulosa1, Dunic T. Aoiokel1, Silvia Manfred1, Beata Marie R. Quinto1, Marcelo C. Batista1,2, Miguel Cendoroglo1,2,3, Rosa M. Móyes1,5, Maria Aparecida Dalboni1,5, 1Univ Federal Sao Paulo, Medicine / Nephrology, Sao Paulo, BRAZIL, 2Hosp Israelita Albert Einstein, Medicine, Sao Paulo, BRAZIL, 3New England Medical Center, Tufts School Medicine, Medicine, Boston, MA, 4Fac Medica Universidade Estadual São Paulo, Medicine / Nephrology, Sao Paulo, BRAZIL, 5Univ Nove Julho, Medicine, Sao Paulo.

SP334
VEGETARIAN VERY LOW PROTEIN DIET SUPPLEMENTED WITH KETOANALOGUES MAY REDUCE NEPHROTIC-RANGE PROTEINURIA IN PREDIALYSIS CKD PATIENTS
Liliana Garneata1,2, Alexandra Stancu2, Paula Luca2, Gabriel Stefan1, Gabriel Mircescu1,2, 1C Davila Univ Medicine and Pharmacy, Internal Medicine and Nephrology, Bucharest, ROMANIA, 2Dr C Davila Teaching Hosp Nephrology, Nephrology, Bucharest, ROMANIA.

SP335
ASSOCIATION OF MGP T-138C POLYMORPHISM WITH CAROTID INTIMA MEDIA THICKNESS IN PATIENTS WITH DIABETIC KIDNEY DISEASE
Stefanos K. Roumeliotis1, Anna Tavridou2, Athanasios K. Roumeliotis1, Marios Theodoridis1, Stylianos Panagoussos1, Ploumis Pasadakis1, 1Medical School, Democritus Univ Thrace, Dept Nephrology, Alexandroupoli, GREECE, 2Medical School, Democritus Univ Thrace, Lab Pharmacology, Alexandroupoli, GREECE.
SP336 HIGH-FRUCTOSE DIET INDUCES ATP-DEPLETION RESULTING IN THE RENAL INTERSTITIAL DAMAGE AND FIBROSIS.
Hiroaki Hara1, Kaori Takayanagi2, Nobuyuki Onizawa1, Ryo Yamamoto1, Kento Hirose1, Yumiko Nakamura1, Kunihiro Yasuda1, Megumi Inamura1, Taisuke Shimizu1, Koichi Kanozawa1, Hajime Hasegawa1, Tsaitama Medical Center, Saitama Medical Univ, Nephrology and Hypertension, Blood Purification, Kawagoe, JAPAN, 2ishikawa Kinenkai Kawagoe Ekime Clinic, Clinical Lab, Kawagoe, JAPAN.

SP337 EFFICACY OF FEBUXOSTAT IN TYPE 2 DIABETIC PATIENTS WITH KIDNEY IMPAIRMENT
Daiichiro Akiyama1, Fumihiko Furuya1, Masakiyo Wakasugi2, Kenichiro Kitamura1, 1Univ Yamanashi, Third Dept Internal Medicine, Chuo, JAPAN, 2Yamanashi Prefectural Central Hosp, Dept Nephrology, Kofu, JAPAN.

SP338 ACTIVATION OF CXCL16/CXCR6 PATHWAY BY INFLAMMATION ACCELERATES THE PROGRESSION OF DIABETIC NEPHROPATHY
Ze Bo Hu, Kun Ling Ma, Yang Zhang, Yang Zhang, Liang Liu, Jian Lu, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Nan Jing City, CHINA.

SP339 LOW PROTEIN DIET PLUS KETOACIDS IN THE VERY OLD PATIENTS WITH CHRONIC KIDNEY DISEASE AND PROGRESSION OF THE DISEASE: A RETROSPECTIVE COHORT CONTROLLED STUDY
Qingli Cheng, Xuli Liu, Sheng Liu, Jiahui Zhao, Qiangguo Ao, Qiang Ma, Guang Yang, Xiaohua Wang, Chinese PLA General Hosp, Dept Geriatric Nephrology, Beijing, CHINA.

SP340 POSTTRANSLATIONAL REGULATION OF IL-1ß IN CKD-5D PATIENTS COMPARED TO INDIVIDUALS WITH INFLAMMATION AND NORMAL RENAL FUNCTION
Christof Ulrich, Bogusz Trojanowicz, Felix Kohler, Eric Seibert, Roman Fiedler, Matthias Girndt, Martin-Luther-Univ Halle, Internal Medicine II, Halle, GERMANY.

SP341 INFLUENCE OF ESSENTIAL AMINO ACIDS KETOANALOGS AND PROTEIN RESTRICTION TO MORPHOGENETIC PROTEINS (FGF-23 AND SOLUBLE KLOTHO) IN CKD PATIENTS
Ludmila Milovanova1, Anna Dudareva2, Yurii Milovanov3, 1First Moscow State Medical Univ, Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 2Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 3Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION.

SP342 ROLE OF BROWN FAT IN INCREASED ENERGY EXPENDITURE IN UREMIA-ASSOCIATED CACHEXIA
Koppe Laetitia1, Elsa Nyam2, Denis Fouque1, Christophe Soulage3, Vincent Poitout2, ICHLS, Nephrology, Lyon, FRANCE, 2CRCHUM, MDRD, Montréal, QC, CANADA, 3INSA-INSERM, Lab Carmen, Lyon, FRANCE.

SP343 WEIGHT REDUCTION HAS AN ADDITIVE EFFECT ON THE ANTI-ALBUMINURIC EFFECT OF ANGIOTENSIN II TYPE 1 RECEPTOR BLOCKER IN HYPERTENSIVE PATIENTS WITH CHRONIC KIDNEY DISEASE
Ho Jun Chin1, Chun Soo Lim2, 1Seoul National Univ Bundang Hosp, Internal Medicine, Seong Nam, KOREA, 2Seoul National Univ Boramae Medical Center, Internal Medicine, Seoul, KOREA.

SP344 EFFECTS OF INOS INHIBITION IN HIGH FAT DIET-INDUCED OBESITY
Blanche Martin1, Anne-Emilie Declèves2, Vanessa Colombaro1, Inês Jadot1, Isabelle Habsch1, Nathalie Caron1, 1Univ Namur, Molecular Physiology Research Unit, Namur, BELGIUM, 2Univ Mons, Lab Molecular Biology, Mons, BELGIUM.

SP345 GUT MICROBIOME AND CLINICAL RISK FACTORS IN MAINTENANCE HEMODIALYSIS PATIENTS
Annabel Biruete1, Jacob Allen2, Brandon Kistler2, Jin Hee Jeong2, Peter Fitchen1, Kelly Swanson3, Ken Wilund2, 1Univ Illinois, Div Nutritional Sciences, Urbana, IL, 2Univ Illinois, Kinesiology and Community Health, Urbana, IL, 3Univ Illinois, Animal Sciences, Urbana, IL.

SP346 TOLL LIKE RECEPTORS, CYTOKINES, AND CATHELECIDIN AS AN COMPLEX INFLAMMATORY MECHANISMS IN HEMODIALYSIS AND PRE-DIALYSIS PATIENTS
Caren C. Grabulos1, José Tarcisio G. Carvalho1, Silvia Manfredi1, Maria Eugenia Canzian1, Beata Marie R. Quinto1, Marcelo Batista1,2,3, Jacqueline Rebello4, Rodrigo B. O. Brito4, Miguel Cendoroglo1,2,3, Maria Aparecida Dalbeni4,1, 1Univ Federal Sao Paulo, Medicine / Nephrology, Sao Paulo, BRAZIL, 2Hosp Israelita Albert Einstein, Medicine / Nephrology, Sao Paulo, BRAZIL, 3New England Medical Center, Tufts School Medicine, Medicine / Nephrology, Boston, MA, 4Univ Nove Julho, Medicine, Sao Paulo, BRAZIL.
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SP347
COMBINATION OF OMEGA-3 FATTY ACIDS AND VITAMIN D HAS SYNERGIC EFFECT ON UP-REGULATION OF NRF-2 EXPRESSION AND DOWN-REGULATION OF SREBP-1 IN 5/6 NEPHRECTOMY RATS
Su Mi Lee, Hyo Jin Jeong, Ji Young Lee, Ki Tae Kim, Young Ki Son, Seong Eun Kim, Won Suk An, Dong-A Univ, Dept Internal Medicine, Busan, KOREA.

SP348
ORAL HEALTH STATUS IN PREDIALYSIS PATIENTS WITH CHRONIC KIDNEY DISEASE
Liliana Garneata1,2, Georgiana Moldoveanu3, Paula Luca2, Serban Tovaru3, Gabriel Mircescu1,2, 1C Davila Univ Medicine and Pharmacy, Internal Medicine and Nephrology, Bucharest, ROMANIA, 2Dr C Davila Teaching Hosp Nephrology, Nephrology, Bucharest, ROMANIA, 3C Davila Univ Medicine and Pharmacy, Fac Dental Medicine, Bucharest, ROMANIA.

SP349
DOES NITRIC OXIDE PREVENT THE DEVELOPMENT OF ATHEROSCLEROSIS IN PATIENTS WITH CHRONIC KIDNEY DISEASE? - THE IMPACT OF ATHEROSCLEROTIC CHANGES IN THE COMMON CAROTID ARTERY
Katarzyna Krzanowska1, Marcin Krzanowski1, Paulina Dumnicka3, Danuta Fedak4, Malgorzata Banaszkiewicz5, Jan A. Litwin5, WLadysLw SuLowicz1, 1Jagiellonian Univ Medical College, Dept Nephrology, Krakow, POLAND, 2Jagiellonian Univ Medical College, Dept Medical Diagnostics, Krakow, POLAND, 3Jagiellonian Univ Medical College, Pharmacobiology Dept Pharmacy, Krakow, POLAND, 4Jagiellonian Univ Medical College, Chair Clinical Biochemistry, Krakow, POLAND, 5Jagiellonian Univ Medical College, Dept Histology, Krakow, POLAND.

SP350
EVALUATION OF THE VALIDITY FOR THE NOVEL CKD ASSESSMENT CHECK-LIST BY THE FRONTIER OF REAL OUTCOME MODIFICATIONS IN JAPAN (FROM-J) STUDY
Hirayasu Kail, Mariko Doi2, Chie Saito1, Kunihiko Yamagata1, 1Univ Tsukuba, Dept Nephrology, Fac Medicine, Tsukuba, Ibaraki, JAPAN, 2Wakayama Medical Univ, Clinical Research Center, Wakayama, JAPAN.

SP351
THE 'SUBLIME' APPROACH: COST-EFFICACY OF A NOVEL SELF-MANAGEMENT APPROACH FOR DIETARY SODIUM RESTRICTION IN CKD PATIENTS
J. K. Humalda1, G. Klaassen1, H. De Vries2, Y. Meuleman3, G. D. Laverman2, W. J. W. Bos4, P. J. M. Van der Boog5, K. M. Vermeul6, O. A. Blansson Henkemans7, W. Otten7, M. H. De Borst1,5, S. Van Dijk3, G. J. Nuns1, for the SUBLIME Investigators, 1Univ Medical Centre Groningen, Dept Nephrology, Groningen, NETHERLANDS, 2ZGT Hosp, Dept Nephrology, Almelo, NETHERLANDS, 3Leiden Univ, Dept Health, Medical and Neuropsychology, Leiden, NETHERLANDS, 4Sint Antonius Hosp, Dept Internal Medicine, Nieuwegein, NETHERLANDS, 5Leiden Univ Medical Centre, Dept Nephrology, Leiden, NETHERLANDS, 6Univ Medical Centre Groningen, Dept Epidemiology, Groningen, NETHERLANDS, 7TNO, Dept Child Health, Leiden, NETHERLANDS.

SP352
EFFECT OF OMEGA 3 FATTY ACIDS ON STAMP2 EXPRESSION IN 5/6 NEPHRECTOMIZED RAT MODEL
Won Suk An1, Hye Won Lee1, Hye Jin Jeong1, Ji Young Lee1, Su Mi Lee1, Soo Bong An, Eun Kyung Kim1, 1Dong-A Univ, Dept Internal Medicine, Busan, KOREA, 2Dong-Eui Medical Center, Dept Internal Medicine, Busan, KOREA.

SP353
THE ROLE OF TRYPTOPHAN DEGRADATION IN THE ASSOCIATION BETWEEN INFLAMMATORY MARKERS AND DEPRESSIVE SYMPTOMS IN CHRONIC DIALYSIS PATIENTS
Gertrud L. G. Haverkamp1, Robbert W. Schouten1, Wim L. Loosman1, Casper F. Franssen2, Ido P. Kema3, Merel van Dieperen4, Friedo W. Dekker4, Adriaan Honig5,6, Carl E. Siegert1, 1OLVG west, Dept Internal Medicine, Groningen, NETHERLANDS, 2Univ Medical Centre Groningen, Nephrology, Groningen, NETHERLANDS, 3Univ Medical Center Groningen, Lab Medicine, Groningen, NETHERLANDS, 4Leiden Univ Medical Center, Epidemiology, Leiden, NETHERLANDS, 5OLVG west, Psychiatry, Amsterdam, NETHERLANDS, 6VU Medical Center, Psychiatry, Amsterdam, NETHERLANDS.

SP354
SERUM 1,25 DIHYDROXYVITAMIN D IS ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY AND DIASTOLIC DYSFUNCTION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Soo Bong Lee1, Il Young Kim1, Joo Hui Kim1, Dong Won Lee1, Jong Man Park1, Harin Rhe2, Sang Heon Song2, Eun Young Seong2, Ihm Soo Kwak2, 1Pusan National Univ Yangsan Hosp, Dept Internal Medicine, Yangsan, KOREA, 2Pusan National Univ Hosp, Dept Internal Medicine, Busan, KOREA.

SP355
L-CARNITINE IMPROVES COGNITIVE AND RENAL FUNCTION IN A RAT MODEL OF CHRONIC KIDNEY DISEASE
Zaher Armaly1, Adel R. Jabbour2, Avi Avital3, 1EMMS, Nephrology, Nazareth, ISRAEL, 2EMMS, Biochemical Lab, Nazareth, ISRAEL, 3Technion-IIT, Neuroscience, Haifa, ISRAEL.
SP356
PULMONARY DYSFUNCTION IS LINKED TO MALNUTRITION AND INFLAMMATION IN CHRONIC KIDNEY DISEASE PATIENTS
Ming Pei1,2, Hideyuki Mukai1, Peter Barany1, Zhimin Chen1,3, Olof Heimbürger1, Bengt Lindholm1, Peter Stenvinkel1, Abdul R. Qureshi1, Karelinská Inst, Dept Clinical Science, Intervention and Technology (CLINTEC), Stockholm, SWE- DEN, 2Teaching Hosp Tianjin Univ TCM, Nephropathy Dept, Tianjin, CHINA, 3First Affiliated Hosp College Medicine, Kidney Disease Center, Hangzhou, CHINA.

SP357
SUBCLINICAL CAROTID ATHEROSCLEROSIS IS RELATED TO CLASSICAL RISK FACTORS AND OXIDATIVE STRESS IN CRONIC KIDNEY DISEASE PATIENTS
Evangelia Ntounousi1, Aris Bechlioulis2, Katerina K. Naka2, Aikaterini Papagianni3, Kostas Pappas2, Lampros K. Michalis2, 1Univ Ioannina, Nephrology, Ioannina, GREECE, 2Univ Ioannina, Second Dept Cardiology and Michaelidion Cardiac Centre, Ioannina, GREECE, 3Aristotle Univ Thessaloniki, Nephrology, Thessaloniki, GREECE.

SP358
STUDY ON CORRELATION BETWEEN SERUM CREATININE AND URINARY ALBUMIN CREATININE RATIO AND BODY COMPOSITION IN GENERAL POPULATION
Jie Ma, Xuemei Li, Peking Union Medical College Hosp, Dept Nephrology, Beijing, CHINA.

SP359
PROTEIN ENERGY WASTING IN CKD STAGES 3 AND 4 PATIENTS ON FIRST VISIT TO NEPHROLOGIST
Anita Saxena, Amit Gupta, Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA.

SP360
METFORMIN IN PERITONEAL DIALYSIS: A PILOT EXPERIENCE OF METFORMIN USE IN A COHORT OF PATIENTS
Mohamed Nasreldin1, Abdullah Alhwiesh2, Ibrahim Saeed3, 1Univ Dammam, Internal Medicine and Nephrology, Dammam, SAUDI ARABIA, 2KFHU, Internal Medicine, Dammam, SAUDI ARABIA, 3KFHU, Internal Medicine, Dammam.

SP361
EFFECT OF OMEGA-3 FATTY ACIDS AND VITAMIN D ON ELONGASE-6 EXPRESSION AND OLEIC ACID CONTENT IN 5/6 NEPHRECTOMY RAT MODEL
Su Mi Lee, Hyo Jin Jeong, Ji Young Lee, Ki Tae Kim, Young Ki Son, Seong Eun Kim, Won Suk An, Dong-A Univ, Dept Internal Medicine, Busan, KOREA.

SP362
CHANGES IN THE VOLUME OF UREA DISTRIBUTION OVER TIME CAN BE USED TO ASSESS THE LEAN BODY MASS IN STABLE CHRONIC DIALYSIS PATIENTS
Katerina Spaseska Gjurovska, Risto Grozdanovski, Elena Babalj Banskoilieva, Aleksandra Parmakovska Domazetovska, Marko Ilievski, Nikolina Smokovska, Angel Oncevski, Special Hosp Nephrology and Hemo dialysis, Skopje, F.Y.R. OF MACEDONIA.

SP363
OUTCOMES OF NUTRITIONAL SUPPORT MODALITIES IN MAINTENANCE HEMODIALYSIS PATIENTS
Bahar Gurlek Demirci, Zeynep Bal, Mehtap Erken, Siren Sezer, Baskent Univ Fac Medicine, Nephrology, Ankara, TURKEY.

SP364
CIRCULATING CXCL16 IN DIABETIC KIDNEY DISEASE
Usama Elewa1, Beatriz Fernández-Fernández1, María D Sanchez-Niño2, Ignacio Mahillo-Fernández3, Alberto Ortiz1, 1Fundación Jiménez Díaz Univ Hosp, Nephrology and Hypertension, Madrid, SPAIN, 2Fac de Medicina, Nefrología, Madrid, SPAIN, 3Fundación Jiménez Díaz Univ Hosp, Nephrology Lab, Madrid, SPAIN, 3Fundación Jiménez Díaz Univ Hosp, Nephrology Lab, Madrid, SPAIN.

SP365
NUTRIENTS INTAKE ASSESSED WITH DIET HISTORY QUESTIONNAIRE II IN RELATIONS TO THE LONG-TERM CALCIUM-PHOSPHATE CONTROL IN HAEMODIALYSIS PATIENTS WITH END-STAGE RENAL FAILURE
Katarzyna Wyskida1, Jarosław Waja2, Dariusz Klein3,4, Joanna Witkowicz5, Rafał. Ficek6, Sylwia Rotkegel7, Urszula Spiechowicz8, Joanna Kocemba-Dyczek9,10, Jarosław Ciepiał11, Magdalena Olszecka-Clinianowicz1, Andrzej Więcek, Jerzy Chudek12, 1Medical Univ Silesia, Dept Pathophysiology, Health Promotion and Obesity Management Unit, Katowice, POLAND, 2Provincial Specialist Hosp No. 3 Rybnik, Dialysis Center, Rybnik, POLAND, 3Centrum Dializa Sosnowiec, Dialysis Center Tychy, Tychy, POLAND, 4Centrum Dializa Sosnowiec, Dialysis Center Pszczyna, Pszczyna, POLAND, 5Nefrolux, Dialysis Center Siemianowice Śląskie, Siemianowice Śląskie, POLAND, 6Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND, 7Centrum Dializa Sosnowiec, Dialysis Center Katowice, Katowice, POLAND, 8Centrum Dializa Sosnowiec, Dialysis Center Chorzów, Chorzów, POLAND, 9Centrum Dializa Sosnowiec, Dialysis Center Zory, Zory, POLAND, 10Centrum Dializa Sosnowiec, Dialysis Center Wodzisław Śląski, Wodzisław Śląski, POLAND, 11Centrum Dializa Sosnowiec, Dialysis Center Katowice, Sosnowiec, POLAND, 12Medical Univ Silesia, Dept Pathophysiology, Pathophysiology Unit, Katowice, POLAND.
SP366
RENAL FUNCTION, INFLAMMATION AND PSORIASIS VULGARIS
Susana Coimbra1,2, Hugo Oliveira3, Cristina Catarino1, Petronila Rocha-Pereira4, Américo Figueiredo3, Alice Santos-Silva1, 1UCIBIO@REQUIMTE, Dep Ciências Biológicas, Lab Bioquímica, Fac Farmácia (FFUP), Univer, Porto, PORTUGAL, 2CESPU, Inst Investigação e Formação Avançada Ciências e Tecnologias Saúde, Gandra-Paredes, PORTUGAL, 3Fac Medicina e Centro Hosp Coimbra, Serviço Dermatologia, Coimbra, PORTUGAL, 4CICS, Centro Investigação Ciências Saúde, Univ Beira Interior, Covilhã, PORTUGAL.

SP367
ZONULIN, INFLAMMATION AND IRON STATUS IN EARLY STAGES OF CHRONIC KIDNEY DISEASE
Ewelina Lukaszyk1, Mateusz Lukaszyk2, Ewa Koc-Zorawski1, Jolanta Malyszko1, 1Medical Univ Białystok, Second Dept Nephrology and Hypertension with Dialysis Centre, Białystok, POLAND, 2Medical Univ Białystok, Second Dept Allergy and Internal Medicine, Białystok, POLAND.

SP368
DETERMINANTS OF INCREASED ARTERIAL STIFFNESS IN CHRONIC KIDNEY DISEASE PATIENTS.
Evangelia Ntounousi1, Aris Bechlioulis2, Katerina K. Naka2, Alkaterini Papagianni3, Kostas Pappas2, Lampros K. Michalis2, 1Univ Ioannina, Nephrology, Ioannina, GREECE, 2Univ Ioannina, Second Dept Cardiology and Michaelidion Cardiac Centre, Ioannina, GREECE, 3Aristotle Univ Thessaloniki, Nephrology, Thessaloniki, GREECE.

SP369
PCSK9 IN DIABETIC KIDNEY DISEASE
Usama Elewa1, Beatriz Fernández-Fernández1, Ignacio Mahillo-Fernández2, Maria D Sanchez-Niño3, Alberto Ortiz1, 1Fundación Jiménez Díaz Univ Hosp, Nephrology and Hypertension, Madrid, SPAIN, 2Fundación Jiménez Díaz Univ Hosp, Statistics, Madrid, SPAIN, 3Fundación Jiménez Díaz Univ Hosp, Nephrology Lab, Madrid, SPAIN.

SP370
RELATIONSHIP BETWEEN PLASMA YKL-40 LEVELS AND ENDOTHELIAL DYSFUNCTION IN CHRONIC KIDNEY DISEASE
Gulsema Keskin1, Ulver B. Derici2, Özant Helvacı2, Cagri Yayla3, Ozge T. Pasaoglu4, Caglar Keskin5, Kadriye Altok2, Yasemin Erten2, Turgay Arinosoy2, Sukru Sindel2, 1Baskent Univ, Oncology, Ankara, TURKEY, 2Gazi Univ, Nephrology, Ankara, TURKEY, 3Yukes İhtisas, Cardiology, Ankara, TURKEY, 4Gazi Univ, Biochemistry, Ankara, TURKEY, 5Ankara Univ, Endocrinology, Ankara, TURKEY.

SP371
THE ASSOCIATION BETWEEN SERUM KLOTHO AND METABOLIC SYNDROME IN CHRONIC KIDNEY DISEASE: KOREAN CKD PATIENTS
Hyo Jin Kim1, Dong-Wan Chae2, Curie Ahn3, Kook-Hwan Oh3, 1Dongguk Univ Gyeongju Hosp, Internal Medicine, Gyeongju-si, KOREA, 2Seoul National Univ Bundang Hosp, Internal Medicine, Seongnam-si, KOREA, 3Seoul National Univ College Medicine, Internal Medicine, Seoul, KOREA.

SP372
PHAGOCYTIC ACTIVITY AND OXIDATIVE BURST OF NEUTROPHILS AND MONOCYTES IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Agnieszka Tarasewicz1, Łukasz Hak2, Joanna Więckiewicz2, Alicja Debeka-Slizień1, Andrzej Mysliwski2, Bolesław Rutkowskii1, 1Medical Univ Gdańsk, Dept Nephrology, Transplantology and Internal Medicine, Gdańsk, POLAND, 2Medical Univ Gdańsk, Dept Histology, Gdańsk, POLAND.

SP373
METAGENOMIC APPROACH OF GUT MICROBIOTA IN CHRONIC KIDNEY DISEASE RATS
Mami Kikuchi1, Ryoko Tateoka1, Yoshiharu Itoh1, Masahira Hattori2, 1Kureha Corporation, Pharmaceuticals Division, Shinjuku-ku, Tokyo, JAPAN, 2Univ Tokyo, Graduate School Frontier Sciences, Chiba, JAPAN.
SP374
CANAGLIFLOZIN, A SODIUM-GLUCOSE CO-TRANSPORTER 2 (SGLT-2) BLOCKER, NORMALIZES BLOOD GLUCOSE WITHOUT AFFECTING SYSTEMIC BLOOD PRESSURE, OXIDATIVE STRESS, INTRARENAL ANGIOTENSIN GENE EXPRESSION AND KIDNEY INJURY IN TYPE 1 DIABETIC MICE
John S. D. Chan1, Isabelle Chenier1, Anindya Ghosh1, Chin-Han Wu1, Chao-Sheng Lo1, Shuiling Zhao1, Jean-Louis Chiasson1, Janos G. Filep2, Julie R. Ingelfinger3, Shao-Ling Zhang1, 1CHUM, Res. Ctr., Montreal, QC, CANADA, 2Maisononneuve-Rosemont Hosp., Res. Ctr., Montreal, QC, CANADA, 3Mass. Gen. Hosp., Pediatr Nephrol Unit, Boston, MA.

SP375
LOXL2 AS A POTENTIAL TREATMENT TARGET IN DIABETIC NEPHROPATHY
Stefanie Stangenberg1, Sonia Saad1, Amsgad Zakyi1, Anthony Gill2, Carol A. Pollock1, Muh Geot Wong1, 1Kolling Inst, Renal Research, St Leonards, AUSTRALIA, 2Kolling Inst, Univ Sydney, Cancer Research & Pathology, St Leonards, AUSTRALIA.

SP376
β2 ADRENERGIC RECEPTOR AGONISTS: NOVEL REGULATORS OF MACROPHAGE ACTIVATION IN DIABETIC RENAL AND CARDIOVASCULAR COMPLICATIONS
Hyunjin Noh1, Mi Ra Yu2, Hyun Joo Kim2, Si Nae Lee1, George King3, 1Soon Chun Hyang Univ, Internal Medicine, Seoul, KOREA, 2Soon Chun Hyang Univ, Hynam Kidney Lab, Seoul, KOREA, 3Joslin Diabetes Center, Vascular Cell Biology, Boston, MA.

SP377
CIRCULATING BRANCHED CHAIN AMINO ACIDS ARE ASSOCIATED WITH LOW GRADE INFLAMMATION IN TYPE 2 DIABETES
Olha Zhenyukh1,2, Esther Civantos1, Enrique Bosch-Panadero1, Concepción Peiró3, Jesus Egido1, Sebastian Mas1, IIS-Fundación Jiménez Díaz, Renal, Vascular and Diabetes Research Laboratory, Madrid, SPAIN, 2Autonoma Univ Madrid, Spain, Dept Pharmacology, Fac Medicine, Madrid, SPAIN, 3Fac Medicine, Autonoma Univ Madrid, Dept Pharmacology, Madrid, SPAIN.

SP378
EFFECT OF PAN-NADPH OXIDASE INHIBITOR IN TYPE 2 DIABETIC MICE
Dae Cha1, Jin Cha2, Hye Min3, Ki Kim2, Jung Kim2, Hyun Kim3, Ji Lee3, Jee Han4, Young Kang2, 1Korea Univ, Ansan Hosp, Internal Medicine, Nephrology, Ansan, KOREA, 2Korea Univ, Ansan Hosp, Internal Medicine, Ansan, KOREA, 3Wonkwang Univ, Internal Medicine, Gunpo, KOREA, 4Inha Univ, Pathology, Incheon, KOREA.
SP379
Efficacy and safety of dipeptidyl peptidase-4 (DPP-4) inhibitor in hemodialysis patients with type 2 diabetes
Masanori Abe, Kazuyoshi Okada, Osamu Oikawa, Noriaki Maruyama, Tetsuya Furukawa, Nihon Univ School Medicine, Nephrology, Hypertension and Endocrinology, Tokyo, Japan.

SP380
Characteristics of long-term survivors among diabetic hemodialysis patients (data from the 4D study post-trial follow-up)
Susanne Triebwetter, UKW, Nephrology, Würzburg, Germany.

SP381
Autologous bone marrow-derived stem cells transplantation in type 1 diabetes mellitus
Abduzhappar Gaipov1, Zaiyrkhan Turebekov1, Dina Serebrennikova2, Larisa Kozina3, Manarbek Askarov4, Saltanat Tuganbekova5, National Scientific Medical Research Center, Extracorporeal Hemocorrection, Astana, Kazakhstan, 2National Scientific Medical Research Center, Endocrinology, Astana, Kazakhstan, 3National Scientific Medical Research Center, Lab, Astana, Kazakhstan, 4National Scientific Medical Research Center, Stem Cells Technology, Astana, Kazakhstan, 5National Scientific Medical Research Center, Internal Medicine, Astana, Kazakhstan.

SP382
Urinary podocyte-associated messenger RNA levels correlate with proximal tubule dysfunction in early diabetic nephropathy of type 2 diabetes mellitus
Ligia Petrica1, Florica Gadalean2, Adrian Vlad3, Gheorghe Gluhovschii2, Victor Dumitrascu4, Dalibor Vlad4, Cristina Gluhovschii2, Silvia Velcio2, Flaviu Bob2, Maxim Petrica5, Dragos Catalin Jianu6, Sorin Ursoniu7, Oana Milas8, Alina Secara8, Anca Simulescu8, Roxana Popescu9, 1Victor Babes Univ Medicine and Pharmacy, Nephrology, Timisoara, Romania, 2Victor Babes Univ Medicine and Pharmacy.

SP383
Assessment of renal perfusion in type 2 diabetes mellitus using arterial spin labeling magnetic resonance imaging
JM Mora-Gutierrez1, N Garcia-Fernandez1, MJ Molina1, D Wang2, A Benito3, MF Slon4, JA Paramo5, MA Fernandez-Seara3, 1Univ Navarra, Nephrology, Pamplona, Spain, 2UCLA, Radiology, Los Angeles, CA, 3Univ Navarra, Radiology, Pamplona, Spain, 4Navarra Hosp, Nephrology, Pamplona, Spain, 5Univ Navarra, Atherosclerosis Research Lab, Pamplona, Spain.

SP384
When glycated albumin as measurement of glycemic control in CKD progression should be initiated?
Jimin Jeon, Gupo Sungshim Hosp, Div Nephrology, Dept Internal Medicine, Busan, Korea.

SP385
High prevalence of nonproliferative retinopathy in normoalbuminuric patients with type 1 diabetes
Tomislav Bulum1, Ingrid PrkaČin2, Lea Duvenjak1, 1Univ Hosp Merkur, Vuk Vrhovac Clinic Diabetes, Endocrinology and Metabolic Diseases, Zagreb, Croatia, 2Univ Hosp Merkur, Dept Internal Medicine, Zagreb, Croatia.

SP386
Association of serum omentin with a marker of progression of diabetic nephropathy
Rei Takeda-Koh, Fumihiko Furuya, Hidetoshi Kobayashi, Kenichiro Kitamura, Univ Yamanashi, Third Dept Internal Medicine, Chuo, Japan.

SP387
Immunofluorescence findings in diabetic nephropathy and its clinical implications
Jean Filipov1, Borelli Zlatkov1, Tanya Metodieva1, Maia Petrova1, Vera Stamenova1, Todor Todorov2, Emil P. Dimitrov1, 1Univ Hosp Alexandrovska
UNIQUE HEMOGLOBIN A1C LEVEL DISTRIBUTION AND ITS RELATIONSHIP WITH MORTALITY SEEN FOR DIABETIC JAPANESE HEMODIALYSIS PATIENTS: RESULTS FROM THE JAPANESE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY

Junichi Hoshino1, Maria Larkina2, Angelo Karaboyas3, Brian Bieber3, Yoshifumi Ubara1, Kenmei Takaichi4, Tadao Akizawa5, Takashi Akiiba6, Shunichi Fukuhara7, Akira Saito8, Bruce M. Robinson3, Ronald L. Pisoni3, 1Toranomon Hosp. Nephrology Center, Kawasaki, JAPAN, 2Arbor Research Collaborative for Health, Ann Arbor, MI, 3Arbor Research Collaborative for Health, Ann Arbor, MI, 4Toranomon Hosp, Nephrology Center, Kawasaki, JAPAN, 5Showa Univ, Div Nephrology, Tokyo, JAPAN, 6Tokyo Women’s Medical Univ, Dept Blood Purification, Tokyo, JAPAN, 7Kyoto Univ, Dept Healthcare Epidemiology, Kyoto, JAPAN, 8Tokai Univ, Dept Nephrology and Endocrinology, Isehara, JAPAN.

SP389

URINARY NEPHRIN AND ANGIOTENSIN CONVERTING ENZYME 2 EXCRETION- IMPORTANCE IN DIABETIC KIDNEY DISEASE AND ITS PROGRESSION

Ina Maria Kacso1, Mariana Ciorba-Pop2, Cosmina Ioana Bondor2, Crina Claudia Rusu2, Diana Moldovan2, Dan Stefan Vladutiu2, Alina Ramona Potra2, 1Univ Medicine and Pharmacy Iuliu Hatieganu, Nephrology, Cluj Napoca, ROMANIA, 2Univ Medicine and Pharmacy Iuliu Hatieganu.

SP390

SKIN AUTOFLUORESCENCE IS A PREDICTOR OF PROGRESSION OF DIABETIC COMPLICATIONS

Tetsuharu Oku1, Fumihiko Furuya1, Kazutaka Haraguchi2, Kenichiro Kitamura1, 1Univ Yamanashi, Third Dept Internal Medicine, Chuo, JAPAN, 2Haraguchi Clinic, Dept Internal Medicine and Nephrology, Kai, JAPAN.

SP391

CLINICAL AND PATHOLOGICAL CHARACTERISTICS OF NONDIABETIC RENAL DISEASE IN TYPE 2 DIABETES PATIENTS

Kittrawee Kritmetapak1, Sirirat Anutrakulchai1, Chatlert Pongchayakul2, Anucha Puapairoj3, 1Div Nephrology, Dept Medicine, Khon Kaen Univ, Khon Kaen, THAILAND, 2Div Endocrinology and Metabolism, Dept Medicine, Khon Kaen Univ, Khon Kaen, THAILAND, 3Div Pathology, Khon Kaen Univ, Khon Kaen, THAILAND.

SP392

RELATIONSHIP OF OXIDATIVE STRESS TO URINARY ANGIOTENSIN CONVERTING ENZYME 2 IN TYPE 2 DIABETES PATIENTS

Alina Ramona Potra1, Cosmina Ioana Bondor2, Mariana Ciorba-Pop1, Diana Moldovan1, Crina Rusu1, Laura Anca Coman1, Dan Vladutiu1, Ina Maria Kacso1, 1Univ Medicine and Pharmacy Iuliu Hatieganu Cluj-Napoca, Nephrology, Cluj Napoca, ROMANIA, 2Univ Medicine and Pharmacy Iuliu Hatieganu Cluj, Dept Informatics and Biostatistics, Cluj Napoca, ROMANIA.

SP393

ACUTE KIDNEY INJURY EPISODES IN DIABETES MELLITUS: A RETROSPECTIVE COHORT ANALYSIS

Rachele Escoli, Alice Lança, Ivan Luz, Sara Querido, Hernani Gonçalves, Flera Sofia, Francisco Ferrer, Paulo Santos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.
DIALYSIS. EXTRACORPOREAL DIALYSIS: TECHNIQUES AND ADEQUACY - 1

**SP394**
TOTAL COST ANALYSIS IN SWEDEN, COMPARISON OF 4 DIFFERENT DIALYSIS MODALITIES
Johan Olsson, Univ Gothenburg, Matix, Göteborg, SWEDEN.

**SP395**
COMPARISON OF DIFFERENT APPROACHES TO POTASSIUM MODELLING DURING HAEMODIALYSIS
Mauro Pietribiasi1, Krassimir Katzarski2, Alicja ZaŁuska3, Wojciech ZaŁuska4, Bengt Lindholm5, Jacek Waniewski1, 1Inst Biocybernetics and Biomedical Engineering, Dept IV, Warsaw, POLAND, 2Diaverum, Diaverum Solna Gate, Stockholm, SWEDEN, 3Medical Univ Lublin, Dept Rehabilitation and Physiotherapy, Lublin, POLAND, 4Medical Univ Lublin, Dept Nephrology, Lublin, POLAND, 5Karolinska Inst, Baxter Novum and Renal Medicine, Stockholm, SWEDEN.

**SP396**
IMPROVING DIALYTIC REMOVAL OF PROTEIN-BOUND UREMIC TOXINS USING BINDING COMPETITORS - AN IN SILICO LONG TERM KINETIC STUDY
Vaibhav Maheshwari1, Stephan Thijssen1, Xia Tao1, Doris H. Fuertinger1, Franz Kappel2, Peter Kotanko1, 1Renal Research Inst, Research, New York, NY, 2Univ Graz, Inst Mathematics and Scientific Computing, Graz, AUSTRIA.

**SP397**
CONCURRENT SEASONAL VARIATIONS IN INTERDIALYTIC WEIGHT GAIN AND SERUM SODIUM LEVELS
Alice R. Topping1, Yuedong Wang2, Jochen G. Raimann1, Len Usvyat3, Peter Kotanko4, Franklin Maddux5, 1Renal Research Inst, Analytics, New York, NY, 2Univ California Santa Barbara, Dept Statistics and Applied Probability, Santa Barbara, CA, 3Fresenius Medical Care North America, Integrated Care Analytics, Waltham, MA, 4Renal Research Inst, Research, New York, NY, 5Fresenius Medical Care North America, Medical Office, Waltham, MA.

**SP398**
DIALYSATE VOLUME REQUIREMENTS TO NORMALIZE SERUM PHOSPHORUS CONCENTRATION DURING FREQUENT NOCTURNAL HAEMODIALYSIS BASED ON A MODIFIED PSEUDO-ONE COMPARTMENT KINETIC MODEL
J K. Leypoldt, B U. Agar, A A. Bernardo, Baxter Healthcare Corporation, Renal, Deerfield, IL.

**SP399**
A NEW TECHNIQUE FOR ESTABLISHING DRY WEIGHT IN HEMODIALYSIS PATIENTS VIA ESTIMATION OF PULMONARY CAPILLARY WEDGE PRESSURE. A TISSUE DOPPLER IMAGING STUDY
Gürsel Yildiz1, Ender Hür2, Kemal Magden2, Ferhan Candan3, Mansur Kayatas3, Mehmet Birhan Yilmaz4, Istanbul Yeni Yüzyıl Univ, Nephrology, Istanbul, TURKEY, 2Bülent Ecevit Univ, Nephrology, Zonguldak, TURKEY, 3Cumhuriyet Univ, Nephrology, Sivas, TURKEY, 4Bülent Ecevit Univ, Cardiology, Sivas, TURKEY.

**SP400**
BODY COMPOSITION AND PREHEMODIALYSIS SODIUM
Eduardo Baamonde Laborda, Elena Oliva Damaso, Patricia Perez Borges, Nicanor Vega Diaz, Roberto Gallego Samper, Raquel Santana Estupiñan, Fayna Gonzalez Cabrera, Silvia Marrero Robaya, Yaiza Rodriguez Vela, Juan Manuel Fernandez Meton, Nery Sablon Gonzalez, Luis Hortal Cascon, Celia Plaza Toledano, Jose Carlos Rodriguez Perez, Hosp Unv Gran Canaria Dr Negrin, Nephrology, Las Palmas, SPAIN.

**SP401**
HEMODIALYSIS SODIUM SET POINT: IS IT TRUE?
Eduardo Baamonde Laborda, Elena Oliva Damaso, Patricia Perez Borges, Nicanor Vega Diaz, Fayna Gonzalez Cabrera, Raquel Santana Estupiñan, Luis Hortal Cascon, Silvia Marrero Robaya, Roberto Gallego Samper, Yanet Parodis Lopez, Juan Manuel Fernandez Meton, Yaiza Rodriguez Vela, Jose Carlos Rodriguez Perez, Hosp Unv Gran Canaria Dr Negrin, Nephrology, Las Palmas, SPAIN.

**SP402**
IMPACT OF HIGH CUT-OFF DIALYSIS ON RENAL RECOVERY IN DIALYSIS-DEPENDENT MULTIPLE MYELOMA PATIENTS - RESULTS FROM A NESTED CASE-CONTROL STUDY
Ulrich Gerth1, Dennis Görlisch2, Gerold Thölking1, Martin Kropff3, Wolfgang E. Berdel3, Hermann Pavenstädt1, Marcus Brand1, Philipp Kümpers1, Michele Pohlen3, 1Univ Hosp Muenster, Div General Internal Medicine, Nephrology, and Rheumatology, Muenster, GERMANY, 2Univ Hosp Muenster, Inst Biostatistics and Clinical Research, Muenster, GERMANY, 3Univ Hosp Muenster, Dept Medicine A, Hematology and Oncology, Muenster, GERMANY.

**SP403**
REPRODUCIBILITY OF DETERMINING PHOSPHORUS MOBILIZATION DURING HAEMODIALYSIS USING A PSEUDO-ONE COMPARTMENT MODEL
J K. Leypoldt1, B U. Agar1, M Storr2, M Hulko2, B Krause3, D H. Krieter3, A R. Rosenkranz4, A A. Bernardo1, 1Baxter Healthcare Corporation, Renal, Deerfield, IL, 2Gambro Dialysatoren GmbH, Research and Development, Hechingen, GERMANY, 3Univ Hosp Würzburg, Nephrology, Würzburg, GERMANY, 4Medical Univ Graz, Nephrology, Graz, AUSTRIA.
SP404
THE EFFECT OF CITRATE ON HUMAN CELLS
Anna Bryland, Annie Willysson, Karin Sandin, Viktoria Hancock, Baxter International Inc., Therapeutic Fluid Research, Lund, SWEDEN.

SP405
INMUNE MECHANISMS INVOLVES IN HYPERSENSITIVITY REACTIONS TO HELIXONE HEMODIALYSIS MEMBRANES
Rafael Sanchez-Villanueva1, Arancha Rodriguez2, Mª Paz Ruiz1, Teresa Bellon2, Mª Elena Gonzalez1, Ana Aguilar1, Santiago Quircé3, Rafael Selgas1, I.H. U. La Paz, Nephrology, Madrid, SPAIN, 2H. U. La Paz, IdiPAZ, Madrid, SPAIN, 3H. U. La Paz, Allergy, Madrid, SPAIN.

SP406
HEPARIN-FREE DIALYSIS WITH CITRATE-CONTAINING DIALYSATE IN PATIENTS UNDER ORAL ANTICOAGULANT: A FEASIBILITY STUDY
Coralie Fournie, Guillaume Jean, Jean-Marc Hurot, Christie Lorriaux, Brice Mayor, Patrik Deleaval, Cyril Vo-Van, Maelinie Mehl, Charles Chazot, NephroCare Tassin-Charcot, Nephrology and Hemodialysis Dept, Sainte Foy les Lyon, FRANCE.

SP407
VALIDATION OF A NEW MULTI-COMPARTMENT MODEL TO PERSONALIZE DIALYSIS THERAPY
Camilla Bianchil, Giustina Casagrande1, Domenico Vito1, Giuseppe Pontoriero2, Carlo Schoenholzer3, Maria Laura Costantino1, 1Politecnico Milano, Dept Chemistry, Materials and Chemical Engineering, Milan, ITALY, 2A.O. Lecco, Nephrology and Dialysis, Lecco, ITALY, 3Regional Hosp Lugano, Nephrology and Dialysis, Lugano, SWITZERLAND.

SP408
EFFECTS OF MEMBRANE MATERIAL AND HDF DILUTION METHODS ON RADICAL STRESS
Tadashi Tomo1, Kenji Tsuchida2, Jun Minakuchi3, 1Oita Univ, Fac Medicine, Oita Univ Hosp, Blood Purification Center, Yufu-city, Oita, JAPAN, 2Kawashima Dialysis Clinic, Dialysis, Nephrology, Transplant, Tokushima, JAPAN, 3Kawashima Hosp, Dialysis, Nephrology, Transplant, Tokushima, JAPAN.

SP409
CO-MORBIDITY RATHER THAN THE USE OF HEMODIALFILTRATION DETERMINES MORTALITY IN A TEMPORARY WEST-EUROPEAN DIALYSIS POPULATION
An Vanacker1, Bert Bammens2,3, Bart De Moor4, Bart Maes1, 1AZ Delta, Dept Nephrology, Roeselare, BELGIUM, 2KU Leuven - Univ Leuven, Lab Nephrology, Leuven, BELGIUM, 3Univ Hosp Leuven, Dept Nephrology, Dialysis and Renal Transplantation, Leuven, BELGIUM, 4Jessa Hosp, Dept Nephrology, Hasselt, BELGIUM.

SP410
EFFECT OF BIOFILM FORMATION ON HEMODIALYSIS MONITOR DISINFECTION
Luisa Sereni, Marialuisa Caiazzo, Silvia Mafredini, Mary Lou Wratten, Giuseppe Palladino, Bellco srl, Scientific Affairs, Mirandola, ITALY.

SP411
EFFECTS OF HEMOPERFUSION ON PROTEIN-BOUND UREMIC TOXINS IN PATIENTS WITH MAINTENANCE HEMODIALYSIS
Lide Lun, Hong Zhang, Xinlun Li, Zuo Gao, Air Force General Hosp, Dept Nephrology, Beijing, CHINA.

SP412
A STUDY OF BACTERIAL GROWTHS BY DISINFECTION METHOD IN CENTRALLY DISTRIBUTED REVERSE OSMOSIS WATER
Jong-Hwan Jeong1, Sang Yub Han2, Seon-Ho Ahn1, 1Wonkwang Univ Hosp, Internal Medicine, Iksan, KOREA, 2Inje Univ College Medicine, Internal Medicine, Iksan, KOREA.

SP413
EFFECT OF DIFFERENCES IN DISINFECTION METHODS ON THE DURABILITY OF ENDOTOXIN-RETENTIVE FILTERS
Ayumi Takizawa1, Isamu Ishimori1, Jun Murakami1, Iwakazu Kaneko1, Naoki Kimata2, Michio Mineshima1, Ken Tsuchiya2, Kosaku Nitta2, Takashi Akiba3, 1Tokyo Women’s Medical Univ, Dept Clinical Engineering, Tokyo, JAPAN, 2Tokyo Women’s Medical Univ, Kidney Center, Tokyo, JAPAN, 3Seikikawa Hosp, Director, Tokyo, JAPAN.

SP414
A NOVEL ADSORBENTS FOR SELECTIVE REMOVAL OF LOW DENSITY LIPOPROTEIN
Liu Qiang1, Sun Si1, Yang Tingting1, Han Mei1, Lin Leping1, Zhao Changsheng2, Su Bihai1, 1West China Hosp Sichuan Univ, Nephrology, Chengdu, CHINA, 2Sichuan Univ, College Polymer Science and Engineering, Chengdu, CHINA.
SP415
EFFICACY OF THROMBOLYSIS WITH UROKINASE CONTAINING LOCKING SOLUTIONS FOR THROMBOTIC DYSFUNCTION OF TUNNELLED HEMODIALYSIS CATHERETERS: A RETROSPECTIVE SINGLE-CENTRE COHORT STUDY
Freya Van Hulle1, Florence Bonkain2, Christian Tielemans2, Dieter De Clerck2, Peter Janssens2, Lissa Pipeleers2, Nico Van Paesschen2, Michel Roden2, Karl Martin Wissing2,3, 1Vrije Univ Brussel-ULB Brussels, Dept Internal Medicine, Brussels, BELGIUM, 2Vrije Univ Brussel - ULB Brussels, Dept Nephrology, Brussels, BELGIUM, 3Univ Libre Bruxelles - CHU Brugmann, Dept Nephrology, Brussels, BELGIUM.

SP416
LARGE MIDDLE-MOLECULE REMOVAL DURING HEMODIALYSIS USING A NOVEL MEDIUM CUTOFF DIALYZER
Alexander H. Kirsch1, Petra Lechner2, Lars-Göran Nilsson3, Werner Beck4, Michael Amdahl5, Detlef H. Krieter6, Alexander R. Rosenkranz1, 1Medical Univ Graz, Clinical Div Nephrology, Graz, AUSTRIA, 2LKH Hochsteiermark, Dept Internal Medicine, Bruck, Austria, 3Gambro Lundia AB, Baxter Renal TA, Lund, Sweden, 4Gambro Dialysatoren, Baxter Renal TA, Hechingen, Germany, 5Baxter Healthcare Cooperation, LS&O, Round Lake, IL, 6Univ Hosp Würzburg, Div Nephrology, Würzburg, Germany.

SP417
EFFICACY AND SAFETY OF BEMIPARINE AS ANTICOAGULANT IN BOTH HEMODIALYSIS AND ON-LINE HEMODIAFILTERATION (OL-HDF): A PROPOSAL OF DOSE RECOMMENDATION
Christian Alfaro, Maria Jose Molina, Jose Pelayo Moiron Fernandez-Felechosa, Jose Maria Mora, Paloma Leticia Martin-Moreno, Javier Lavilla Royo, Pedro Errasti, Nuria Garcia-Fernandez, Univ Navarra, Nephrology, Pamplona, Spain.

SP418
THE USE OF MEDIUM CUTOFF (MCO) MEMBRANES IN CHRONIC DIALYSIS PATIENTS MODULATES INFLAMMATION: LESSONS FROM A RANDOMIZED CLINICAL TRIAL
Daniel Zickler1, Ralf Schindler1, Markus Storr2, Kevin Willy1, Bogusz Trojanowicz3, Peter Martus4, Christof Ulrich3, Kristin Liehr5, Christian Henning5, Mathematic Glomb5, 1Charité Univ Medicine Berlin, Dept Nephrology and Internal Intensive Care Medicine, Berlin, Germany, 2Gambro Dialysatoren GmbH, Research & Development, Hachingen, Germany, 3Martin Luther Univ, Dept Internal Medicine II, Halle, Germany, 4Eberhard Karls Univ, Inst Epidemiology and Applied Biometry, Tübingen, Germany, 5Martin Luther Univ, Inst Chemistry / Food Chemistry, Halle, Germany, 6NMI Technology Transfer GmbH, Research, Reutlingen, Germany.

SP419
USEFULNESS OF THE BODY COMPOSITION MONITOR IN SETTING DRY WEIGHT AT AN INITIATION OF HEMODIALYSIS
Shin Fukunaga1, Kazuhiro Yamada1, Akiko Baba1, Yuji Sato2, Shouichi Fujimoto2, 1Miyazaki Kounan Hosp, Nephrology and Dialysis, Miyazaki, Japan, 2Univ Miyazaki Hosp, Hemovascular Medicine and Artificial Organs, Fac Medicine, Miyazaki, Japan.

SP420
THE EFFECT OF DIFFERENT IONIZED CALCIUM CONCENTRATIONS ON THE TOTAL CALCIUM CONCENTRATION OF HEMODIALYSIS PATIENTS AND THE EFFECT OF CAPD FLUID ON THE TOTAL CALCIUM CONCENTRATIONS OF CAPD PATIENTS
Rüdiger Knaup1, Rudgar Neussert2, Bertold Reinhardt2, 1PHV Dialysezentrum Siegen, Nephrological Gemeinschaftspraxis, Siegen, Germany, 2Scientific Consulting Dr. B. Reinhardt, Bad Münster, Germany.

SP421
REMOVAL EFFICIENCY OF PROTEIN BOUND SOLUTES AND ANTIOXIDANTS BY ONLINE HEMODIAFILTERATION COMPARED WITH HIGH-FLUX HEMODIALYSIS
Kazuhiro Okano1, Ken Tsuchiya1, Kosaku Nitta2, 1Tokyo Women’s Medical Univ, Dept Blood Purification, Kidney Center, Tokyo, Japan, 2Tokyo Women’s Medical Univ, Dept Medicine, Tokyo, Japan.

SP422
THE INFLUENCE OF FLUID REMOVAL DURING HEMODIALYSIS ON HEMODYNAMIC PARAMETERS USING A NONINVASIVE DEVICE
Rabia Sarwar1, Surendra Gupta1, Tahir Hafeez1, Shaul Lev2, Caroline Williams3, Nathan Levin4, 1Queens Artificial Kidney Center, Jackson Heights, NY, 2Rabin Medical Center Israel, Petah Tikva, Israel, 3Fresenius Medical Care North America, Waltham, MA, 4Mount Sinai Icahn School Medicine, Nephrology, New York, NY.

SP423
INTRADIALYTIC MORBID EVENTS ARE NOT CAUSED BY REDUCED REFILLING
Susanne Kron1, Daniel Schrêditz2, Til Leimbach3, Sabine Aign3, Joachim Kron3, 1Charité Universitätsmedizin Berlin, Nephrology, Berlin, Germany, 2Medical Univ Graz, Inst Physiology, Graz, Austria, 3KfH-Nierenzentrum Berlin-Köpenick, Kidney Centre, Berlin, Germany.
SP424
RELEASE OF UREMIC RETENTION SOLUTES FROM PROTEIN BINDING BY HYPERTONIC PREDILUTION HEMODIAFILTRATION
Joachim Jankowski1, Vera Jankowski1, Falko Boehringer2, 1Univ Hosp RWTH, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 2Charite, Berlin, GERMANY.

SP425
THE POTENTIAL FOR HEMODYNAMIC MANAGEMENT OF HEMODIALYSIS PATIENTS USING A MINIMALLY INVASIVE BLOOD FLOW MONITOR BY NEWLY APPLIED LASER DOPPLER FLOWMETER (LDF)
Mizuki Komatsu1, Masayuki Okazaki1, Syunji Shiohira1, Katsuhiko Satou2, Toshiaki Naganuma1, Hiroshi Kawaguchi1, Ken Tsuchiya3, Kosaku Nitta3, 1Iyoban Hosp, Nephrology, Iwaki, JAPAN, 2Iyoban Hosp, Clinical Engineering, Iwaki, JAPAN, 3Tokyo Women's Medical Univ, Dept Medicine IV, Shinjuku-ku, JAPAN.

SP426
CHANGES IN COAGULATION FACTORS AND INHIBITORS DURING SIMULATED HD WITH THE NOVEL MCO (MEDIUM CUT-OFF) HIGH FLUX MEMBRANE
Manuel Voigt, Adriana Boschetti-de-Fierro, Ulrike Haug, Michael Hulko, Markus Storr, Bernd Krause, Gambro Dialysatoren GmbH, Research and Development, Hechingen, GERMANY.

SP427
STANDARDIZED TEST SYSTEM TO EVALUATE CYTOKINE REMOVAL BY DIALYSIS MEMBRANES
Michael Hulko, Rose Speidel, Julia Gauss, Markus Storr, Bernd Krause, Gambro Dialysatoren GmbH, R&D, Hechingen, GERMANY.

SP428
AIMING FOR THE OPTIMAL BICARBONATE PRESCRIPTION FOR MAINTENANCE HEMODIALYSIS (MHD) THERAPY IN END-STAGE RENAL DISEASE
Sofia Spaia, Iliana Kiriakoutzik, Ioannis Petrou, Andreas Bozikas, Theodoro Tourountzis, Eleni Kitoukidi, Nikolaos Georgilas, Panagiotis Pangidis, General Hosp Thessaloniki Agios Pavlos, Nephrology, Thessaloniki, GREECE.

SP429
CITRATE-BASED LOCKING SOLUTIONS ARE MORE EFFICIENT THAN TAUROLIDINE-BASED LOCKING SOLUTIONS TO PREVENT THROMBOTIC DYSFUNCTION OF TUNNELLED HEMODIALYSIS CATHETERS: A RETROSPECTIVE COHORT STUDY
Freya Van Hulle1, Florence Bonkain2, Christian Tielemans2, Dieter De Clerck2, Peter Janssens2, Lissa Pipeleers2, Nico Van Paesschen2, Michel Roden2, Karl Martin Wissing2,3, 1Vrije Univ Brussel - UZ Brussel, Dept Internal Medicine, Brussels, BELGIUM, 2Vrije Univ Brussel - UZ Brussel, Dept Nephrology, Brussels, BELGIUM, 3Univ Libre Bruxelles - CHU Brugmann, Dept Nephrology, Brussels, BELGIUM.
**SP430**
BLOCKING SUBSTANCE P SIGNALING INHIBITS THE IL-6 TRANSCRIPTION INDUCED BY A SINGLE DWELL IN A RAT MODELL OF PD
Magnus Braide, Daniel Nilsson, Nicola Cavallini, Univ Gothenburg, Inst Biomedicine, Göteborg, SWEDEN.

**SP431**
A MINIATURE ARTIFICIAL KIDNEY FOR PERITONEAL DIALYSIS
Martijn E. H. Wagemans1, Frank Simonis2, Dienty H. M. Hazenbrink1, Jaap A. Joles1, Karin G. F. Gerritsen1, 1Univ Medical Center Utrecht, Nephrology and Hypertension, Utrecht, NETHERLANDS, 2Nanodialysis BV, Oirschot, NETHERLANDS.

**SP432**
SYNDECAN-1 IS EXPRESSED IN INTERENDOTHELIAL JUNCTIONS AND IS NOT ASSOCIATED WITH PERITONEAL SOLUTE TRANSPORT
Carmen A. Vlahu1, Jan Aten2, Marijke de Graaff1, Dick G. Struijk1,3, Raymond T. Krediet1, 1Academic Medical Center, Nephrology, Amsterdam, NETHERLANDS, 2Academic Medical Center, Pathology, Amsterdam, NETHERLANDS, 3Dianet Foundation, Nephrology, Amsterdam-Utrecht, NETHERLANDS.

**SP433**
PERITONEAL DIALYSIS FLUID CAUSE INADEQUATE ACTIVATION OF HSF1 BY RELEVANT STRESSORS; A NOVEL PATHOMECHANISM?
Rebecca Herzog1,2,3, Klaus Kratochwill1,2, Hans Lederhuber1, Lilian Kuster3, Krisztina Heindl-Rusai1, Elisabeth Salzer1, Bettina Bidmon4, Anton Lichtenauer3, Christoph Aufricht1, 1Medical Univ Vienna, Pediatric Nephrology, Vienna, AUSTRIA, 2Christian Doppler Lab Molecular Stress Research in Peritoneal Dialysis, Medical Univ Vienna, Vienna, AUSTRIA, 3Zytoprotec, Research, Vienna, AUSTRIA.

**SP434**
CYCLIN-DEPENDENT KINASE5 NEGATIVELY REGULATES LPS-INDUCED INFLAMMATION IN HUMAN PERITONEAL MESOTHelial CELLS
Yun-Fang Zhang1, Jun-Xia Feng1, Qi Wang1, Jia-Qi Xu1, Xue-Juan Gao2, Hong-Yan Li1, 1Huadu District People’s Hosp, Dept Nephrology, Guangzhou, CHINA, 2Jinan Univ, Inst Life and Health Engineering, Guangzhou, CHINA.

**SP435**
VARIATION IN THE TREATMENT AND PREVENTION OF PERITONEAL DIALYSIS RELATED INFECTIONS: PRELIMINARY RESULTS FROM THE PERITONEAL DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (PDOPPS)
Jeffrey Perl1, Junhui Zhao2, Brian Bieber2, Ronald L. Pisoni2, 1St. Michael’s Hosp, Univ Toronto, Keenan Research Centre Li Ka Shing Knowledge Inst, Toronto, ON, CANADA, 2Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3Vanderbilt Univ, Medical Center, Nashville, TN, 4Keele Univ and Univ Hosps North Midlands, Inst Science and Technology in Medicine, Stoke-on-Trent, UK, 5Tsu-chiya General Hosp, Kidney Center, Hiroshima, JAPAN, 6Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 7Princess Alexandra Hosp, Dept Nephrology, Brisbane, AUSTRALIA.

**SP436**
METABOLIC CHARACTERISATION OF PERITONEAL DIALYSIS EFFLUENT USING NMR SPECTROSCOPY
Danilo Lofaro1, Maria Enrica Di Pietro2, Americo Beneduci2, Anna Perri1, Agata Mollica1, Pamela Bevacqua1, Giuseppina De Luca2, Renzo Bonofiglio3, 1Annunziata Hosp, Kidney and Transplantation Research Center, Cosenza, ITALY, 2UNICAL, Chemistry and Chemistry Technologies, Rende, ITALY, 3Annunziata Hosp, Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

**SP437**
COMPARISON BETWEEN ULTRASOUND-GUIDED TRANSVERSUS ABOMINIS PLANE BLOCK TECHNIQUE AND LOCAL FILTRATION ANESTHESIA IN PERITONEAL DIALYSIS CATHETER IMPLANTATION: A RANDOMIZED CONTROLLED TRIAL
Xiao Hong Tang1, Zi Li1, Tian Tao1, Qi Li2, Haijiao Bao1, 1West China Hosp, Sichuan Univ, Nephrology, Chengdu, CHINA, 2West China Hosp, Sichuan Univ, Anesthesiology, Chengdu, CHINA.

**SP438**
BIOCOMPATIBLE SOLUTIONS REDUCE THE INCIDENCE OF PERITONEAL HYALINIZING VASCULOPATHY, A LESION WITH UNCERTAIN SIGNIFICANCE
Gloria Del Pesoi1, Raquel Díaz1, Maria Auxiliadora Bajo1, Cesar Remon2, José Antonio Sánchez-Tomeroc3, Antonio Cirugeda4, Manuel López-Cabrera5, Raul Rodriguez6, Marta Ruiz-Ortega6, José Antonio Jiménez-Heffernan7, Rafael Selgas1, 1Hosp Univ La Paz, Nephrology, Madrid, SPAIN, 2Hosp Puerto Real, Nephrology, Cadiz, SPAIN, 3Hosp Univ La Princesa, Nephrology, Madrid, SPAIN, 4Hosp Reina Sofia, Nephrology, Madrid, SPAIN, 5Centro Biologia Molecular Severo Ochoa, Csic-Uam, Biologia Molecular, Madrid, SPAIN, 6Fundación Jiménez Díaz, Nephrology, Madrid, SPAIN, 7Hosp Univ La Princesa, Pathology, Madrid, SPAIN.
**Posters**

**SP439**
RISK FACTORS FOR LOSS OF PD CATHETERS: PROSPECTIVE OBSERVATIONAL DANISH MULTICENTER STUDY.
Johan V. Poulsen1, Kjeld E. Otte2, Pia V. Larsen3, Jesper N. Bech4, Gabor Graehn5, Jørn E. Jensen6, Per Iversen1, 1Aarhus Univ Hosp, Dept Renal Medicine C, Aarhus, DENMARK, 2Fredericia Hosp, Dept Internal Medicine, Fredericia, DENMARK, 3Univ Southern Denmark3, Center Clinical Epidemiology, Odense Univ Hosp, and Research Unit Clinical Epidemiology, Odense, DENMARK, 4Holstebro Hosp, Dept Internal Medicine, Holstebro, DENMARK, 5Soenderborg Hosp, Dept Internal Medicine, Soenderborg, DENMARK, 6Odense Univ Hosp, Dept Nephrology Y, Odense, DENMARK.

**SP440**
EXIT SITE RELOCATION: A NOVEL TECHNIQUE FOR EXIT SITE INFECTION
Dimitrios Kirmizis, Elaine Bowes, Behzad Ansari, Hugh S. Cairns, King’s College Hosp, Renal Unit, London, UK.

**SP441**
LONGITUDINAL DATA OF PERITONEAL MEMBRANE FUNCTION BASED ON MODIFIED PET
Olga Balafa, Sofia Xiromeriti, Margarita Iconomou, Karolos-Pavlos Rapsomanikis, Rigas Kalaitzidis, Kostas Siamopoulos, Univ Hosp Ioannina, Dept Nephrology, Ioannina, GREECE.

**SP442**
LONG-TERM PERITONEAL DIALYSIS TREATMENT IS ACCOMPANIED WITH HIGH EXPRESSION OF B CELL ASSOCIATED GENES
Alena Parikova1, Petra Hruba2, Raymond T. Krediet3, Ondrej Viklicky1, 1Inst Clinical and Experimental Medicine, Dept Nephrology, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Transplant Lab, Prague, CZECH REPUBLIC, 3Academic Medical Center Univ Amsterdam, Dept Nephrology, Amsterdam, NETHERLANDS.

**SP443**
VALVE CALCIFICATION IS AN INDEPENDENT RISK FACTOR FOR MORTALITY IN PERITONEAL DIALYSIS PATIENTS: A PROPENSITY-SCORE MATCHED COHORT ANALYSIS
Sheng Feng, Yunhuan Tian Tian, Zhi Wang, Huaying Shen, Second Affiliated Hosp Soochow Univ, Nephrology, Suzhou, CHINA.

**SP444**
INTERNATIONAL VARIATIONS IN THE EXPERIENCE OF PATIENTS ON PERITONEAL DIALYSIS (PD) IN THE PERITONEAL DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (PDOPPS)
Fredric O. Finkelstein1, Junhui Zhao2, Brian Bieber2, S. Vanita Jassal3, Kenji Tsuchida5, Edwina Brown4, David W. Johnson7, 8, Francesca Tentori2, 9, on behalf of PDOPPS Patient Support Working Group, 1Yale Univ, School Medicine, New Haven, CT, 2Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3Univ Health Network, Div Nephrology, Toronto, ON, CANADA, 4Univ Michigan, School Public Health, Ann Arbor, MI, 5Kawashima Hosp, Dept Kidney Disease, Tokushima, JAPAN, 6Hammersmith Hosp, West London Renal & Transplant Centre, London, UK, 7Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 8Princess Alexandra Hosp, Dept Nephrology, Brisbane, AUSTRALIA, 9Vanderbilt Univ, Medical Center, Nashville, TN.

**SP445**
SERUM APELIN IS ASSOCIATED WITH AFFECTIVE DISORDERS IN PERITONEAL DIALYSIS PATIENTS
Ebru Gok Oguz, Guner Karaveli Gursoy, Hadim Akoglu, Gulay Ulusal Okyay, Ozlem Yayar, Mehmet Buyukbakkal, Basol Canbakan, Mehmet Deniz Ayli, Diskapi Yildirim Beyazit Education and Research Hosp, Dept Nephrology, Ankara, TURKEY.

**SP446**
THE PRESCRIPTION IN PERITONEAL DIALYSIS: INTERNATIONAL COMPARISON FROM THE PERITONEAL DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (PDOPPS)
Simone J. Davies1, Junhui Zhao2, Brian Bieber2, Jeffrey Perl3, Martin Wilkie4, Mark Marshall5, Hideki Kawashima6, Francesca Tentori2,7, PDOPPS Dialysis Prescription and Fluid Management Working Group, Ann Arbor, MI, United States, 1Keele Univ and Univ Hosps North Midlands, Inst Science and Technology in Medicine, Stoke-on-Trent, UK, 2Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3St. Michael’s Hosp, Univ Toronto, Keenan Research Centre Li Ka Shing Knowledge Inst, Toronto, ON, CANADA, 4Sheffield Teaching Hosps, Sheffield Kidney Inst, Sheffield, UK, 5Middlemore Hosp, Dept Renal Medicine, Auckland, NEW ZEALAND, 6Tsuchiya General Hosp, Kidney Center, Hiroshima, JAPAN, 7Vanderbilt Univ, Medical Center, Nashville, TN.

**SP447**
EVALUATION OF A TELEMONITORING SYSTEM BASED ON A MOBILE MEDICAL APP IN A COHORT OF PERITONEAL DIALYSIS PATIENTS: A PILOT STUDY
Francesco Iannuzzella, Alfredo Stefani, Mattia Corradini, Sonia Pasquali, IRCCS Arcispedale Santa Maria Nuova, Nephrology and Dialysis Unit, Reggio Emilia, ITALY.
SP448 ABDOMINAL AORTIC CALCIFICATIONS PREDICT ALL-CAUSE MORTALITY IN PERITONEAL DIALYSIS PATIENTS
Satu Mäkelä1, Markku Asola2, Henrik Hadimeri3, James Heaf4, Maija Heiro5, Leena Kauppila6, Susanne Ljungman7, Mai Ots-Rosenberg8, Johan Povlsen9, Björn Rogland10, Petri Särkkä11, Sari Sotaniemi12, Sari Takkunen13, Heikki Salo1, Tiimari Savolainen1, Tampere Univ Hosp, Internal Medicine, Tampere, FINLAND, 2Baxter Oy, Helsinki, FINLAND, 3Karolinska Institutet, Stockholm, SWEDEN, 4Roskilde Hosp, Univ Copenhagen, Dept Medicine, Roskilde, DENMARK, 5Turku Univ Hosp, Dept Medicine, Turku, FINLAND, 6Positron, Turku, FINLAND, 7Sahlgrenska Univ Hosp, Dept Nephrology, Gothenburg, SWEDEN, 8Tartu Univ Hosp, Dept Nephrology, Tartu, ESTONIA, 9Aarhus Univ Hosp, Dept Nephrology, Aarhus, DENMARK, 10Hässleholm Hosp, Dept Medicine, Kristianstad, SWEDEN, 11Aalborg Univ Hosp, Dept Medicine, Aalborg, DENMARK, 12Uppsala Univ Hosp, Dept Medical Sciences, Uppsala, SWEDEN, 13Satakunta Central Hosp, Internal Medicine, Pori, FINLAND.

SP449 CONTINUOUS AMBULATORY PERITONEAL DIALYSIS: IMPLEMENTATION OF PD CABINS TO REDUCE THE INTEGRATION TIME TO THE CAPD PROGRAM IN JALISCO, MEXICO
Fernando Nuñez1, Badhir Dipp1, Jonathan Iniguez1, Gladys Paez2, Guillermo Garcia1, Karina Renoirte1, HOSP Civil Guadalajara, Nephrology, Guadalajara, MEXICO, 2ITESM, Biomedical Engineering, Zapopan, MEXICO.

SP450 REEVALUATION OF PERITONEAL DIALYSIS PATIENTS' BODY COMPOSITION WITHIN 12 MONTHS OF PD TREATMENT, BY MEANS OF DUAL ENERGY X-RAY ABSORPTIOMETRY, BIOMEDICINE AND SUBJECTIVE GLOBAL ASSESSMENT
Velena Popovic1, James Heaf2, Bo Zerah3, 1Herlev Hosp, Nephrology, Herlev, DENMARK, 2Roskilde Hosp, Medicine, Roskilde, DENMARK, 3Herlev Hosp, Clinical Physiology, Herlev, DENMARK.

SP451 ASSOCIATION BETWEEN PULSE PRESSURE AND CARDIOVASCULAR MORBIDITY IN PATIENTS UNDERGOING PERITONEAL DIALYSIS
Saimir Seferi, Merita Rroji, Erjola Likaj, Nereida Spahia, Alma Idrizi, Alketa Koroshi, Univ Hosp Center Mother Teresa.

SP452 EARLY TECHNICAL COMPLICATIONS AND LONG TERM SURVIVAL OF URGENT PERITONEAL DIALYSIS ACCORDING TO BREAK-IN PERIOD
So Yeon Kim1, Hyo Jin Jeong1, Ji Young Lee1, Su Mi Lee1, You Jeong Oh2, Hyun Kyung Nam3, Won Suk An1, 1Dong-A Univ, Dept Internal Medicine, Busan, KOREA, 2Dong-Eui Medical Center, Dept Internal Medicine, Busan, KOREA, 3Busan Medical Center, Dept Internal Medicine, Busan, KOREA.

SP453 DEVELOPMENT OF AN IN VITRO MODEL OF CHRONIC HYPEROSMOTIC STRESS REVEALS THAT GLUCOSE AND MANNITOL HAVE DIFFERENTIAL EFFECTS ON MESOTHELIAL CELL ADHESION, MIGRATION AND PROLIFERATION
Vassilios Liakopoulos1, Vasiliki Peppa2, Konstantinos Leivaditis1, Chrissi Hatzoglou2, Michail Daniliidis1, Sotirios Zarojianis1, 1Medical School, Aristotle Univ Thessaloniki, Renal Unit, First Dept Internal Medicine, Thessaloniki, GREECE, 2Medical School, Univ Thessaly, Larissa, GREECE.

SP454 RELATION OF CENTRAL AND BRACHIAL BLOOD PRESSURE TO VOLUME STATUS IN PERITONEAL DIALYSIS PATIENTS
Yun Jung Oh1, Su Mi Lee2, Ji Yong Jung3, So Mi Kim4, Sung Soo Kim5, Chung Sik Lee1, Cheju Halla General Hosp, Internal Medicine, Jeju, KOREA, 2Dong-A Univ Hosp, Internal Medicine, Busan, KOREA, 3Gachon Univ Gil Hosp, Internal Medicine, Incheon, KOREA, 4Cheju National Univ Hosp, Internal Medicine, Jeju, KOREA.

SP455 ENCAPSULATING PERITONEAL SCLEROSIS – A SINGLE-CENTRE EXPERIENCE WITH 24 CASES
Vesna Furic-Cunko, Ivana Juric, Nikola Basic-Jukic, Univ Hosp Centre Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA.

SP456 THE SAUDI PERITONEAL DIALYSIS CATHETER: MODIFIED CATHETER AND NEW TECHNIQUE: FAREWELL TO CATHETER MIGRATION
Abdullah Alhwiesh1, Mohamed Nasreldin2, 1Univ Dammam, Internal Medicine and Nephrology, Dammam, SAUDI ARABIA, 2King Fahad Hosp Univ, Internal Medicine, Alkhobar, SAUDI ARABIA.

SP457 THE GUSTATORY THRESHOLD FOR SALTY TASTE IS NEGATIVELY CORRELATED WITH RESIDUAL RENAL FUNCTION IN PERITONEAL DIALYSIS PATIENTS.
Kenta Torigoe1, Yoko Obata1, Satoru Oka1, Tadashi Uramatsu1, Tomoya Nishino1, 1Nagasaki Univ Hosp, Dept Nephrology, Nagasaki, JAPAN, 2Nagasaki Univ Hosp, Medical Education Development Center, Nagasaki, JAPAN.
SP458
THE EFFECT OF A SUBCUTANEOUSLY EMBEDDED CATHERTER TECHNIQUE ON PATIENT OUTCOMES IN PERITONEAL DIALYSIS
Takafumi Yamakawa, Takehiko Kawaguchi, Moritoshi Kadomura, Yohei Tsuchiya, Maiko Nagata, Mao Watanabe, Toshiyuki Imasawa, Chiba East Hosp, Dept Nephrology, Chiba, JAPAN.

SP459
IMPACT OF OXIDATIVE STRESS ON EPITHELIAL MESENCHYMAL TRANSITION IN MESOTHELIAL CELLS ISOLATED FROM TEMPERATURE-SENSITIVE SV40 LARGE T-ANTIGEN GENE TRANSGENIC RATS
Kazuaki Hara, Chieko Hamada, Keiichi Wakabayashi, Reo Kanda, Hiroaki Io, Satoshi Horikoshi, Juntendo Univ Fac Medicine, Div Nephrology, Dept Internal Medicine, Tokyo, JAPAN.

SP460
CORRELATION BETWEEN ULTRAFILTRATION COEFFICIENT (LPA) AND EFFECTIVE LYMPHATIC ABSORPTION RATE (ELAR) IN CHRONIC AMBULATORY PERITONEAL DIALYSIS PATIENTS: A SHIFT OF PARADIGM?
Reza Hekmat, Aliakbar Hekmat, Mashhad Univ Medical Sciences, Nephrology, Mashhad, IRAN.
DIALYSIS. CARDIOVASCULAR COMPLICATIONS - 1

SP461
SEASONALITY OF HEMODYNAMIC PARAMETERS IN HEMODIALYSIS PATIENTS
Hanjie Zhang1, Yuedong Wang2, Jochen G. Raimann1, Len Usyvat3, Jeroen P. Kooman4, Frank M. van der Sanden4, Peter Kotanko1,5, Franklin W. Maddux6, 1Renal Research Inst, Research, New York, NY, 2Univ California Santa Barbara, Statistics & Applied Probability, Santa Barbara; CA, 3Freseniuss Medical Care North America, Integrated Care Analytics, Waltham, MA, 4Maastricht Univ, Medical center, Maastricht, NETHERLANDS, 5cahn School Medicine Mount Sinai, Nephrology, New York, NY, 6Fresenius Medical Care North America, Medical Office, Waltham, MA.

SP462
TIME-INTEGRATED EXPOSURE TO FLUID OVERLOAD AND BLOOD PRESSURE PREDICTS MORTALITY IN HEMODIALYSIS PATIENTS
Charles Chazot1, Ulrich Moissl2, Peter Wabel2, Bernard Canaud3, Stefano Stuard4, Otto Arko5, Cristina Marelli5, Francesca Mallamaci6, Carmine Zoccali7, 1NephroCare France, Medical Coordination, Fresnes, FRANCE, 2Fresenius Medical Care, Global Research and Development, Bad Homburg, GERMANY, 3Fresenius Medical Care, EMEA Medical Board, Bad Homburg, GERMANY, 4Fresenius Medical Care, EMEA Clinical Governance Organization, Bad Homburg, GERMANY, 5NephroCare Latin America, Medical Direction, Buenos Aires, ARGENTINA, 6Osp Riuniti, Clinical Epidemiology and Pathophysiology of Renal Diseases and Hypertension, Reggio Calabria, ITALY, 7Osp Riuniti, Div Nephrology, Hypertension and Renal Transplantation, Reggio Calabria, ITALY.

SP463
HEMODIALYSIS WITH HIGH CUT-OFF DIALYSIS MEMBRANES PREVENTS CALCIFICATION AND APOPTOSIS OF VASCULAR SMOOTH MUSCLE CELLS
Kevin Willy1, Matthias Girndt2, Markus Storr3, Roman Fiedler2, Peter Martus4, Ralf Schindler1, Daniel Zickler1, 1Charité Univ Medicine Berlin, Dept Nephrology and Internal Intensive Care Medicine, Berlin, GERMANY, 2Martin Luther Univ, Dept Internal Medicine II, Halle, GERMANY, 3Gambro Dialysatoren GmBH, Research & Development, Hechingen, GERMANY, 4Eberhard Karls Univ, Inst Epidemiology and Applied Biometry, Tübingen, GERMANY.

SP464
BIOIMPEDANCE SPECTROSCOPY VOLUME STATUS MONITORING AND HYPERTENSION IN HEMODIALYSIS PATIENTS: A PROSPECTIVE RANDOMIZED STUDY
Zoran Faunic1, Nada Dimkovic1, Milica Dekleva-Manojlovic2, Natasa Markovic Nikolic2, 1Zvezdara Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA, 2Zvezdara Univ Medical Center, Clinical Dept Cardiovascular Diseases, Belgrade, SERBIA.

SP465
INTRADIALYTIC CARDIAC MRI TO ASSESS CARDIOVASCULAR RESPONSES IN A RANDOMIZED CONTROLLED TRIAL OF HAEMODIAFILTRATION VS. HEMODIALYSIS
Azhar Mohammed1, Charlotte Buchanan2, Eleanor Cox2, Maarten W. Taal3, Nicholas M. Selby3, Susan Francis2, Bernard Canaud4, Katrin Koehler4, Chris McIntyre5, 1Royal Derby Hosp, Dept Renal Medicine, Derby, UK, 2Univ Nottingham, Centre North, Nottingham, UK, 3Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK, 4Fresenius Medical Care, EMEA Medical Board, Bad Homburg, GERMANY, 5Schulich School Medicine and Dentistry, Depts Medicine and Biophysics, London, ON, CANADA.

SP466
ASQ Travel Grant (see page 32)
PREDICTIVE VALUE FOR GALECTIN 3 AND NTPROBNP IN HEMODIALYSIS PATIENTS
Luminita Voroneanu1,2, Dimitrie Siriopol3, Simona Hogas3, Mugurel Apetrii3, Ionut Nistor3, Mihai Onofriescu3, Adrian Covic3, 1Nephrology Dept, Fac Medicine, Gr.T.Popa Iasi, Iasi, ROMANIA, 2Nephrology Dept, Dialysis and Renal Transplant Center, C.I. Parhon Univ Hosp, Grigore T. Popa Univ Medicine and Pharmacy, Iasi, ROMANIA, 3Nephrology Dept, Dialysis and Renal Transplant Center, C.I. Parhon Univ Hosp, Grigore T. Popa Univ Medicine and Pharmacy, Iasi, ROMANIA.

SP467
HYPOMAGNESEMIA AND MORTALITY IN HEMODIALYSIS PATIENTS: ROLE OF ANEMIA, INFLAMMATION AND LEFT VENTRICULARHYPERTROPHY
Gjulsen Selim, Olivera Stojceva-Taneva, Goce Spasovski, Pavlina Dzekova-Vidimliski, Zvezdana Petronievic, Lilijana Tozi, Univ Clinic Nephrology, Univ Sts.Cyril and Methodius

SP468
LOW MANNOSE-BINDING LECTIN LEVELS PREDICT CARDIOVASCULAR DISEASE IN HEMODIALYSIS PATIENTS
Felix Poppelaars1, Mariana Gaydosta Costa1, Stefan P. Berger1, Solmaz Assa2, Anita H. Meter-Arkema1, Mohamed R. Dahai3, Willem J. Van Son1, Casper F. M. Franssen1, Marc A. J. Seelen1, 1Univ Groningen, Univ Medical Center Groningen, Dept Internal Medicine, Div Nephrology, Groningen, NETHERLANDS, 2Univ Groningen, Univ Medical Center Groningen, Dept Cardiology, Groningen, NETHERLANDS, 3Univ Leiden, Leiden Univ Medical Center, Dept Nephrology, Leiden, NETHERLANDS.
SP469
ETELCALCETIDE (ONO-5163, AMG 416), AN INTRAVENOUSLY AVAILABLE ALLOSTERIC MODULATOR OF THE CALCIUM-SENSING RECEPTOR, EFFECTIVELY CONTROLS PLASMA PARATHYROID HORMONE LEVELS IN A RAT CHRONIC RENAL INSUFFICIENT MODEL WITH SECONDARY HYPERPARATHYROIDISM
Kazutsune Harada, Ono Pharmaceutical Co., Ltd., Discovery Research Laboratory, Osaka, JAPAN.

SP470
BMP-7 IS INCREASED IN ENDOTHELIAL BUT NOT IN VASCULAR SMOOTH MUSCLE CELLS OF EPIGASTRIC ARTERIES IN DIALYSIS PATIENTS WITH RADIOLOGICALLY VISIBLE CALCIFICATIONS
Nikolina Basic-Jukic1, Marijana Gulin2, Tvtroko Hudolin3, Zeljko Kastalan3, Lea Katalinic1, 1Univ Hosp Centre Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA, 2General Hosp Sibenik, Dept Internal Medicine, Sibenik, CROATIA, 3Univ Hosp Centre Zagreb, Dept Urology, Zagreb, CROATIA.

SP471
A FACTOR ANALYSIS ON FIBROBLAST GROWTH FACTOR 23 LEVELS IN HEMODIALYSIS PATIENTS WITH OR WITHOUT CARDIOVASCULAR DISEASES
Yoko Nishizawa1, Tetsuya Ogawa1, Miki Shimada1, Chikako Murakami1, Himiko Shimizui1, Tomoko Inoue1, Tetsuro Yamashita1, Ai Kyonoi1, Chieko Higuch1, Kosaku Nitta2, Hiroshi Sakurai1, 1Tokyo Women's Medical Univ Medical Centre East, Dept Medicine, Tokyo, JAPAN, 2Tokyo Women's Medical Univ Kidney Centre, Dept Medicine, Tokyo, JAPAN.

SP472
INCREASES IN BRACHIAL AND AORTIC BLOOD PRESSURE DURING THE EVENING OF THE THIRD DAY OF THE LONG INTERDIALYTIC INTERVAL OF HEMODIALYSIS PATIENTS
Georgios Koutroumpas1, Pantelis Sarafidis2, Panagiotis Georgianos3, Antonios Karpetas3, Athanasios Protergerou4, Christos Syrraganis1, Stylianos Panagotou5, Ploumis Pasadakis5, 1Achillopoulion General Hosp, Nephrology, Volos, GREECE, 2Hippokrateion Univ Hosp, Nephrology, Thessaloniki, GREECE, 3AHEPA Univ Hosp, First Dept Medicine, Section Nephrology and Hypertension, Thessaloniki, GREECE, 4Aiko Hosp, Hypertension Unit & Cardiovacular Research Laboratory, Athens, GREECE, 5Democritus Univ Thrace, Div Nephrology, Alexandroupolis, GREECE.

SP473
METABOLIC APPROACH TO WHITE MATTER LESIONS IN CHRONIC HEMODIALYSIS PATIENTS IDENTIFIES A NOVEL METABOLIC PROFILE ASSOCIATED WITH THESE LESIONS
Nuria Amigo1, Rocio Fuertes1, Carmen Cabrè2, Maria Vinaixa1, Marta Romeu3, Mónica Muñoz3, Montse Giralt3, Jordi Soler4, Josep Aguilera5, Maria Teresa Cempt6, Xavier Correig1, Alberto Martinez-Vea2, 1Univ Rovira i Virgili, Tarragona, SPAIN, 2Joan XXIII Univ Hosp, Nephrology, Tarragona, SPAIN, 3Rovira i Virgili Univ, Cellular Pharmacobiology, Reus, SPAIN, 4Medical Care Nephrology Center, Hemodialysis, Reus, SPAIN, 5Llevant Hosp, Dialysis Center, Tarragona, SPAIN, 6Santa Creu de Jesús Hosp, Hemodialysis, Tortosa, SPAIN.

SP474
PROGNOSTIC IMPORTANCE OF GLYCATED MARKERS ON CARDIOVASCULAR MORTALITY IN HEMODIALYSIS PATIENTS WITH DIABETES MELLITUS
Ana Bulatovic1, Svetlana Jelic2, Petar Djuric1, Aleksandar Jankovic1, Jelena Tosic1, Jovan Popovic1, Katarina Ille3, Teodora Beljan4, Zvezdana Vukotic5, Milos Mitrovic1, Verica Todorov1, Nada Dimkovic1, 1Zvezdana Univ Medical Center, Nephrology and Dialysis, Belgrade, SERBIA, 2Univ School Medicine, Endocrinology, Belgrade, SERBIA, 3Zvezdana Univ Medical Center, Lab Diagnostic, Belgrade, SERBIA.

SP475
RAPID ULTRAFILTRATION RATE IS ASSOCIATED WITH THE INCREASE OF ECHOCARDIOGRAPHIC LEFT ATRIAL VOLUME INDEX AMONG HEMODIALYSIS PATIENTS
Jwa-Kyung Kim1, Young Su Kim2, Young Rim Song2, Sung Gyun Kim2, Hyung Jik Kim2, Hallym Univ, Internal Medicine, Anyang, KOREA, 2Hallym Univ Sacred Heart Hosp, Internal Medicine & Kidney Research Inst, Anyang, KOREA.

SP476
THE BASCH STUDY (BELGRADE AACHEN STUDY ON CALCIFICATION IN HEMODIALYSIS PATIENTS): TEN YEAR SURVIVAL DATA
Zivka Djuric1, Nada Dimkovic1, Georg Schlieper2, Tatjana Damjanovic1, Jovan Popovic1, Petar Djuric1, Aleksandar Jankovic1, Juergen Floege2, 1Zvezdana Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA, 2RWTH Aachen University, Div Nephrology and Clinical Immunology, Aachen, GERMANY.

SP477
EFFECT OF LANTHANUM CARBONATE ON CORONARY ARTERY CALCIFICATION DURING THE EARLY PERIOD AFTER THE INITIATION OF HEMODIALYSIS
Hideki Fuji1, Kentaro Nakai, Keiji Kono, Shunsuke Gojo1, Ken Kitamura, Yuiko Yonekura, Shuhei Watanabe, Rie Awata, Mikiko Yoshikawa, Shinichi Nishi, Kobe Univ Graduate School Medicine, Div Nephrology and Kidney Center, Kobe, JAPAN.
SP478 PREVALENCE OF ATRIAL FIBRILLATION AND PRACTICE PATTERNS OF ANTITHROMBOTIC THERAPY IN A POPULATION-BASED COHORT STUDY OF HEMODIALYSIS PATIENTS: THE VIENNA INVESTIGATION OF ATRIAL FIBRILLATION AND THROMBOEMBOLISM IN HEMODIALYSIS PATIENTS (VIVALDI)
Oliver Königsbrügge1, Marlies Antlanger2, Josef Klauser-Braun4, Josef Kletzmayr4, Sabine Schmaldi5, Martin Auinger6, Günther Zuntner7, Matthias Lorenz8, Ingrid Pabinger1, Marcus Säemann1, Cihan Ay1, 1Medical Univ Vienna, Dept Medicine I, Clin. Div Hematology & Hemostaseology, Vienna, AUSTRIA, 2Medical Univ Vienna, Dept Medicine I, Clin. Div Nephrology, Vienna, AUSTRIA, 3Wilhelmenspital, Dept Medicine VI, Vienna, AUSTRIA, 4Donauapartment, Dept Medicine III, Vienna, AUSTRIA, 5Kaiser-Franz-Josef-Spital, Dept Medicine I, Vienna, AUSTRIA, 6Hietzing Hosp, Dept Medicine III, Vienna, AUSTRIA, 7Rudolfstiftung Hosp, Dept Medicine I, Vienna, AUSTRIA, 8Vienna Dialysis Center, Vienna, Vienna, AUSTRIA.

SP479 HDL CHOLESTEROL EFFLUX IS NOT PREDICTIVE OF CARDIOVASCULAR RISK IN DIABETIC PATIENTS ON HEMODIALYSIS
Chantal Kopecky1, Sanam Ebtehaj2, Bernd Genser3,4,5, Christoph Wanner6, Marcus D. Säemann1, Uwe Tietge2, 1Medical Univ Vienna, Dept Internal Medicine III, Clinical Div Nephrology and Dialysis, Vienna, AUSTRIA, 2Univ Groningen, Dept Pediatrics, Center Liver, Digestive, and Metabolic Diseases, Groningen, NETHERLANDS, 3BCStats Consulting, Vienna, AUSTRIA, 4Heidelberg Univ, Mannheim Inst Public Health, Social and Preventive Medicine, Mannheim, GERMANY, 5Federal Univ Bahia, Inst Saúde Coletiva, Salvador, BRAZIL, 6Univ Hosp Würzburg, Dept Medicine, Div Nephrology, Würzburg, GERMANY.

SP480 INHIBITORY EFFECT OF ERYTHROPOIESIS STIMULATING AGENTS AT PRE-DIALYSIS STAGE ON THE CORONARY EVENTS AFTER STARTING HEMODIALYSIS
Masato Nishimura1, Keitarou Watanabe2, Yuji Kitamura3, Takao Nagashima3, Toshiko Tokoro2, Nodoka Sato3, Satoru Yamazaki3, Tetsuya Hashimoto3, Hiroyuki Kobayashi3, Toshihiko Ono3, 1Toujinkai Hosp, Cardiovascular Div, Kyoto, JAPAN, 2Toujinkai Hosp, Dept Nephrology, Kyoto, JAPAN, 3Toujinkai Hosp, Cardiovascular Div, Kyoto, JAPAN.

SP481 AGE-DEPENDENT IMPACT OF PULSE WAVE VELOCITY AS A PREDICTOR FOR MORTALITY IN PATIENTS UNDERGOING HEMODIALYSIS
Julia Kerschbaum1, Clemens P. Schwarz2, Michael Rudnick1, Gert Mayer1, 1Medical Univ Innsbruck, Nephrology and Hypertension, Innsbruck, AUSTRIA, 2Praxis, Dr. Schwarz, Eggelsberg, AUSTRIA.

SP482 CIRCULATING S100A12 LEVELS ARE ASSOCIATED WITH PROGRESSION OF VASCULAR CALCIFICATION IN HEMODIALYSIS PATIENTS
Jae Hyun Chang, Byoung Ho Choi, Eul Sik Jung, Ae Jin Kim, Han Ro, Hyun Hee Lee, Wookyung Chung, Ji Yong Jung, Gachon Univ Gil Medical Center, Internal Medicine, Incheon, KOREA.

SP483 HYPMAGNESEMIA AND ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN HEMODYALYSIS PATIENTS: ROLE OF INFLAMMATION

SP484 RELATIONSHIP BETWEEN SCLEROSTIN AND CARDIOVASCULAR CALCIFICATION IN MAINTENANCE HEMODIALYSIS PATIENTS
Zhe Wang1, Ai L. Jiang2, 1Second Hosp Tianjin Medical Univ, Tianjin, CHINA, 2Second Hosp Tianjin Medical Univ, Hemodialysis Center, Tianjin, CHINA.

SP485 HDL PROTEIN COMPOSITION IN PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION AND END STAGE RENAL DISEASE
Chantal Kopecky1, Caroline Tufaro2, Marlies Antlanger1, Marcus D. Säemann1, Diana Bonderman2, 1Medical Univ Vienna, Dept Internal Medicine III, Clinical Div Nephrology and Dialysis, Vienna, AUSTRIA, 2Medical Univ Vienna, Dept Internal Medicine II, Clinical Div Cardiology, Vienna, AUSTRIA.

SP486 SUCCESSFUL RENAL TRANSPLANTATION IMPROVES ARTERIAL STIFFNESS AND BAROREFLEX SENSITIVITY
Dipankar Bhomik1, Vijay K. Jha1, Manpreet Kaur2, Ashok Jaryal2, KK Deepak2, Sanjay K. Agarwal1, 1All India Inst Medical Sciences, Nephrology, New Delhi, INDIA, 2All India Inst Medical Sciences, Physiology, New Delhi, INDIA.
SP487
INTERLEG SYSTOLIC BLOOD PRESSURE DIFFERENCE AS PREDICTOR OF CARDIOVASCULAR EVENTS IN INCIDENT DIALYSIS PATIENTS: A JAPANESE PROSPECTIVE COHORT STUDY
Sawako Kato1, Bengt Lindholm2, Yukio Yuzawa3, Kana Nakauchi4, Yoshinari Tsuruta4, Kaoru Yasuda5, Kunio Morozumi5, Sholchi Maruyama1, 1Nagoya Univ Graduate School Medicine, Nephrology, Nagoya, Aichi, JAPAN, 2Karolinska Inst, Renal Medicine and Baxter Novum, Stockholm, SWEDEN, 3Fujita Health Univ, School Medicine, Nephrology, Toyosake, Aichi, JAPAN, 4Meito Clinic, Nephrology, Toyohashi, Aichi, JAPAN, 5Masuko Memorial Hosp, Nephrology, Nagoya, Aichi, JAPAN.

SP488
MYOCARDIAL STUNNING DURING RENAL REPLACEMENT THERAPY FOR ACUTE KIDNEY INJURY
Huda Mahmoud1,2, Christopher W. McIntyre3, Nicholas M. Selby1,2, 1Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK, 2Royal Derby Hosp, Nephrology, Derby, UK, 3Schulich School Medicine and Dentistry, Nephrolgy, London, ON, CANADA.

SP489
EXCESS RIGHT ATRIAL CONGESTION AND PULMONARY CIRCULATION LOADING OVER THE LONG INTERDIALYTIC PERIOD AS A PREDICTOR OF CARDIOVASCULAR EVENTS IN PATIENTS RECEIVING THREE-WEEKLY HEMODIALYSIS
Panagiotis I. Georgiannos1, Vasilios Kamperidis2, Konstantinos Tsilonis2, Konstantinos Imprialos3, L. Alexakis3, M. Galani-Manolakou3, Haralamboz Karvounis4, Pantelis A. Sarafidis3, 1AHEPA Univ Hosp, Section Nephrology and Hypertension, First Dept Medicine, Thessaloniki, GREECE, 2AHEPA Univ Hosp, First Dept Cardiology, Thessaloniki, GREECE, 3Hippokration Univ Hosp, Dept Nephrology, Thessaloniki, GREECE, 4AHEPA Univ Hosp, Dept Nephrology, Thessaloniki, GREECE.

SP490
TREATING AORTIC VALVE STENOSIS IN DIALYSIS PATIENTS - IS TRANSCATHETER AORTIC VALVE IMPLANTATION THE BETTER CHOICE
Helge Weiler1, Stefan Büttner2, Carolin Zoeller2, Brigitte Lui1, Jörg Honold1, Florian Seeger1, Andreas Zierer3, Christoph Betz2, Anton Moritz3, Helmut Geiger2, Andreas M. Zier1, Marica Vasa-Nicotera1, Stephan Fichtlscherer1, 1Univ Hosp Frankfurt, Medical Clinic III - Dept Cardiology, Frankfurt am Main, GERMANY, 2Univ Hosp Frankfurt, Medical Clinic III - Dept Nephrology, Frankfurt am Main, GERMANY, 3Univ Hosp Frankfurt, Dept Thoracic and Cardiovascular Surgery, Frankfurt am Main, GERMANY.

SP491
N-TERMINAL-PRO BRAIN NATRIURETIC PEPTIDE PREDICTS CARDIOVASCULAR STATUS AND OUTCOMES IN DIABETIC HEMODIALYSIS PATIENTS
John Droulias1, Panayota Papanicolaou2, Kyriakos Kintzoglouakis2, Anastasios Dracopoulos2, Kyriaki Kollias3, Maria Gennadiou2, 1Attiko Hosp, Renal Unit, Athens, GREECE, 2General Hosp, Leivadia, Renal Unit, Athens, GREECE, 3General Hosp Amfissa, Renal Unit, Athens, GREECE.

SP492
IMPACT OF INTRADIALYTIC HYPOTENSION (IDH) DEFINITIONS ON THE FACTORS RELATED TO IDH
Ryo Nishioka1, Ichiro Mizushima1, Fae Kim1, Akikatsu Nakashima1, Mitsuro Kawanou2, Ishikawa Prefectural Central Hosp, Nephrology and Rheumatology, Kanazawa, JAPAN, 2Kanazawa Univ Hosp, Rheumatology, Kanazawa, JAPAN.

SP493
ARTERIAL STIFFNESS EVALUATED BY PHOTOPLETHYSMOGRAPHY AS A PREDICTOR OF CARDIOVASCULAR DEATH IN NON-DIABETIC HEMODIALYSIS PATIENTS
Olga Bilevich1, Nikolay Ovsyannikov1, Sergey Semchenko2, Oxana Kulikova3, State Educational Inst Higher Professional Training Omsk State Medical Univ, Ministry Health Care Russian Federation, Omsk, RUSSIAN FEDERATION, 2Kabanov Omsk City Clinical Hosp №1, Budget Inst Health Omsk Region, Omsk, RUSSIAN FEDERATION, 3Siberian State Automobile and Highway Academy, Ministry Education and Science Russian Federation, Omsk, RUSSIAN FEDERATION.

SP494
THE RELATIONSHIP BETWEEN SERUM PARAOXONASE ACTIVITY AND EPICARDIAL ADIPOSE TISSUE IN HEMODIALYSIS PATIENTS
Emad Abdallah1, Bassam Al-Helal2, Samya El-Shishtawy1, Nevine Sherif1, Amna Metwaly3, Omnia El-Bendary4, 1Theodor Bilharz Research Inst, Nephrology, Giza, EGYPT, 2Al-Adan Hosp, Nephrology, Kuwait, KUWAIT, 3Theodor Bilharz Research Inst, Intensive Care Unit, Giza, EGYPT, 4Theodor Bilharz Research Inst, Clinical Chemistry, Giza, EGYPT.
SP495
IMPACT OF FGF-23 ON THE EVOLUTION OF LEFT VENTRICULAR HYPERTROPHY IN INCIDENT DIALYSIS PATIENTS: A PROSPECTIVE STUDY
Lisa E. Crowley1, Corey Pritchard2, Tarek Eldehni3, Aghogho Odudu3, Maarten Taal4, Christopher W. McIntyre5, Nicholas M. Selby3, 1London Health Sciences Centre, Kidney Clinical Research Unit, London, ON, CANADA, 2Royal Derby Hosp, Clinical Pathology, Derby, UK, 3Royal Derby Hosp, Renal Medicine, Derby, UK, 4Univ Nottingham, Fac Medicine and Health Science, Nottingham, UK, 5London Health Science Centre, Kidney Clinical Research Unit, London, ON, CANADA.

SP496
EXPRESSION PROFILE OF THE MICRORNA-142 FAMILY IN UREMIC ARTERIAL MEDIA CALCIFICATION
Máté Kétszeri, Alexander H. Kirsch, Alexander R. Rosenkranz, Kathrin Eller, Philipp Eller, Medical Univ Graz, Dept Internal Medicine, Graz, AUSTRIA.
**SP497**

CHRONIC KIDNEY DISEASE DOES NOT IMPACT THE MORPHOLOGY AND CELLULAR COMPOSITION OF IN VIVO TISSUE ENGINEERED BLOOD VESSELS IN RATS

Taisiya Bezhaeva1, Wouter J. Geelhoed1, Carla M. van Alem2, Febrivani R. Damani3, Tonia C. Rothuizen1, Reshma A. Lalal1, Arianne N. van Koppener4, Anton J. van Zonneveld1, Ton J. Rabelink2, Lorenzo Moroni5, Joris I. Rotmans1, 1Leiden Univ Medical Center, Nephrology and Einthoven Lab Experimental Vascular Medicine, Leiden, NETHERLANDS, 2Leiden Univ Medical Centre, Nephrology, Leiden, NETHERLANDS, 3Univ Twente, Tissue Regeneration, Enschede, NETHERLANDS, 4Netherlands Organization Applied Scientific Research (TNO), Metabolic Health Research, Leiden, NETHERLANDS, 5Maarstricht Univ, Regenerative Medicine, Maastricht, NETHERLANDS.

**SP498**

THE IMPACT OF HAEMODIALYSIS ARTERIOVENOUS FISTULA ON HAEMODYNAMIC MODIFICATIONS OF THE CARDIOVASCULAR SYSTEM

Carlo Basile1, Luigi Vernaglione2, Francesco Casucci1, Pasquale Libutti1, Piero Lisi1, Luigi Rossi1, Valentina Vigo3, Carlo Lomonte1, 1Miulli General Hosp, Div Nephrology, Acquaviva delle Fonti, ITALY, 2Perrino Hosp, Div Nephrology, Brindisi, ITALY, 3Univ Pisa, Div Nephrology, Pisa, ITALY.

**SP499**

GRAFT VERSUS NATIVE ARTERIOVENOUS FISTULA. EQUAL DIALYSIS PRESCRIPTIONS TO ACHIEVE THE EFFICIENCY OBJECTIVES UNDER ONLINE HEMODIAFILTRATION?

Javier Varas1, Ignacio Merello1, Rosa Ramos1, Susana Roca2, Mercedes Albadalejo2, Mercedes Vélez1, Álvaro Fernández de Diegol1, Manuel Molina2, 1Fresenius Medical Care Spain SA, Medical, Madrid, SPAIN, 2Hospital Unic Santa Lucia, Nephrology, Cartagena, SPAIN.

**SP500**

IN VITRO STUDY OF ESTIMATION OF BLOOD FLOW USING LASER TECHNIQUE

Israel Campos, Jie Ma, Schantel Williams, Laura Rosales, Joseph Walder, Fansan Zhu, Peter Kotanko, Renal Research Inst, Research Dept, New York, NY.

**SP501**

A COMPETING RISK ANALYSIS OF CARDIOVASCULAR COMPLICATION AFTER CENTRAL VENOUS CATHETERS IN HEMODIALYSIS PATIENTS

Chi-Hao Liu, Pei-Hung Chuang, Der-Cherng Tarng, Jinn-Yang Chen, Taipei Veterans General Hosp, Nephrology, Taipei, TAIWAN.

**SP502**

VASCULAR ACCESS USE 2011-2014 IN GERMANY: A PROVIDER-REGISTRY BASED ANALYSIS

Gero von Gersdorff1, Mathias Schaller1, Dieter Bach2, Markus Hollenbeck3, 1Univ Cologne Medical Center, Dept Medicine II - QN-group, Cologne, GERMANY, 2Kff-Curatorium Dialysis and Kidney Transplantation, Neu-Isenburg, GERMANY, 3Knapschaftskrankenhaus, Kff-Nierenzentrum, Bottrop, GERMANY.

**SP503**

DIALYSIS RELATED PARAMETERS HAVE INFLUENCE ON REMODELING IN VENOUS PART OF NATIVE ARTERIOVENOUS FISTULA

Tomasz GoŁębiowski1, Krzysztof Letachowicz1, Mariusz Kusztal1, Maciej Kanafal1, Katarzyna Jakuszko1, Magdalena Krajewska1, Waclaw Weyde2, Marian Klinger1, 1Wrocław Medical Univ, Dept Nephrology and Transplantation Medicine, Wroclaw, POLAND, 2Wrocław Medical Univ, Fac Dentistry, Wroclaw, POLAND.

**SP504**

SIMULATION TRAINING REDUCES COMPLICATIONS DURING NON-TUNNELED HAEMODIALYSIS CATHETER INSERTION

Ru Yu Tan, Sheryl Shien Wen Gan, Chieh Suai Tan, Singapore General Hosp, Dept Renal Medicine, Singapore, SINGAPORE.

**SP505**

SERUM VANCOMYCIN LEVELS IN HEMODIALYSIS: PRELIMINARY RESULTS

Makrouhi Sonikian1, Panagiotis Politis1, Theodora Papachrysanthou1, Georgios Tserkezis1, Pinelopi Paraskevopoulou2, Christoforos Parissis1, 1Konstantopoli General Hosp, Nephrology, Athens, GREECE, 2Konstantopoli General Hosp, Biochemistry, Athens, GREECE.

**SP506**

IS DIALYSIS NURSING PRACTISE ASSOCIATED WITH SUCCESSFUL CANNULATION OF NATIVE ARTERIOVENOUS FISTULAS AND GRAFTS?

Maria Teresa Parisotto1, Francesco Pelliccia1, Aileen Grassmann2, Daniele Marcelli2, 1Fresenius Medical Care, NephroCare Coordination EMÉALA, Bad Homburg, GERMANY, 2Fresenius Medical Care, Clinical and Epidemiological Research, Bad Homburg, GERMANY.
SP507
SIMULATION AND MEASUREMENT OF BLOOD FLOW WITH VIDEO IMAGE PROCESSING TECHNIQUE
Jie Ma1, Schantel Williams1, Israel Camposi1, Laura Rosales1, Joseph Walder2, Peter Kotanko1, Fansan Zhu1, 1Renal Research Inst, Research Dept, New York, NY, 2Renal Research Inst, Dialysis Dept, New York, NY.

SP508
DECISION ON APPROPRIATE TIME FOR PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY TO ADDRESS ARTERIOVENOUS FISTULA FAILURE UTILIZING BRANCHIAL ARTERY ULTRASOUND EXAMINATION
Yasushi Kakuuchi, Shigeaki Yankee, Ryo Inoue, Takashi Seto, Tokio Wakahayashi, Ishikawa Saiseikai Kanazawa Hosp, Internal Medicine, Kanazawa, JAPAN.

SP509
IN SEARCH OF AN OPTIMAL SCREENING PROGRAM FOR DETECTING STENOSIS AND PREDICTING INCIDENT THROMBOSIS IN ARTERIOVENOUS GRAFTS
Nicola Tesitore1, Giuseppina Pessolano1, Valeria Bedoagna1, Albino Poli2, Antonio Lupo3, 1Emodialisis Borgo Roma, UOC Nefrologia e Dialisi, Verona, ITALY, 2Dip. Salute Pubblica, Univ Verona, Verona, ITALY, 3UOC Nefrologia e Dialisi, Univ Verona, Verona, ITALY.

SP510
IMPACT OF ACCESS LOCATION AND COMORBIDITY ON ARTERIOVENOUS FISTULA FUNCTION
Krzysztof Letachowicz1, Mariusz Kusztal1, Tomasz Gołąb1, Anna Szmyczak1, Waldemar Letachowicz1, Jerzy Garek2, Wacław Weydel1, Marjan Klinger1, Wroclaw Medical Univ, Dept Nephrology and Transplantation Medicine, Wroclaw, POLAND, 2Wroclaw Medical Univ, Dept Radiology, Wroclaw, POLAND.

SP511
FAR INFRARED THERAPY ENHANCES THE MATURATION OF ARTERIOVENOUS FISTULA IN PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE THROUGH IMPROVING ENDOTHELIAL FUNCTION, VASCULAR INFLAMMATION, AND OXIDATIVE STRESS
Chih-Ching Lin, Taipei Veterans General Hosp, Div Nephrology, Dept Medicine, Taipei, TAIWAN.

SP512
THE IMPACT OF PRE-DIALYSIS FISTULA SURVEILLANCE ON INITIAL VASCULAR ACCESS TYPE AT START OF HEMODIALYSIS
Csaba Rikker1,2, Edina Juhász1,2, Renáta Gáspár1, Ilidiko Vizi3, Ágnes Ladányi2, Balázs Nemes3, Balázs Virág4, László Rosival5, 1FMC, Péterfy I. dialysis Center, Budapest, HUNGARY, 2Péterfy Hosp, Dept Internal Medicine I., Budapest, HUNGARY, 3Diagnoscan Hungary, Péterfy Hosp, Budapest, HUNGARY, 4Péterfy Hosp, Dept Surgery, Budapest, HUNGARY, 5Semmelweis Univ, International Nephrology Research and Training Center, Inst Pathophysiology, Budapest, HUNGARY.

SP513
MESOGLYCAN AS ADD-ON THERAPY TO ASPIRIN DIMINISHES HEMODIALYSIS ACCESS GRAFT THROMBOSIS
Moon-Jae Kim1, Sun Duk Hwang1, Myung Keun Park2, Ki Chun Hong2, 1Inha Univ Hosp, Nephrology-Hypertension, Incheon City, KOREA, 2Inha Univ Hosp, Vascular Surgery, Incheon City, KOREA.

SP514
HEMODYNAMIC MONITORING OF HEMODIALYSIS PATIENTS AND PREDICTORS OF DROP IN CARDIAC INDEX DURING HEMODIALYSIS
Stefanie Haag1, Björn Friedrich2, Nils Heyne1, Ferruh Artunc1, 1Univ Tübingen, Renal, Tübingen, GERMANY, 2Nephrological Center, Renal, Leonberg, GERMANY.

SP515
FUNCTIONAL PROFILE, THROMBOSIS RATE AND CUMULATIVE PATENCY OF ARTERIOVENOUS FISTULAS (AVF) VERSUS GRAFTS (AVG) FOR HEMODIALYSIS (HD): A FIVE-YEAR PROSPECTIVE STUDY
Ramon Roca-Tey1, Rosa Samon1, Omar Ibrik1, Amparo Roda1, Juan Carlos Gonzalez-Oliva1, Román Martínez-Cercós2, Jordi Viladoms1, 1Hosp Mollet, Nephrology, Mollet del Vallès, Barcelona, SPAIN, 2Hosp Mollet, Vascular Surgery, Mollet del Vallès, Barcelona, SPAIN.

SP516
ARTERIOVENOUS FISTULA SURVEILLANCE IN HEMODIALYZED PATIENTS: how, WHERE AND WHEN?
Massimo Torreggiani, Micaela Gentile, Marco Colucci, Maria Adelaide Garlando, Vittoria Esposito, Davide Catucci, Giovanni Montagna, Luca Semeraro, Ciro Esposito, IRCCS Salvatore Maugeri, Unit Nephrology and Dialysis, Univ Pavia, Pavia, ITALY.
SP517
VASCULAR ACCESS IN ADULT HEMODIALYSIS PATIENTS IN GREECE: CONCLUSIONS THROUGH A CROSS-SECTIONAL ANALYSIS

SP518
CREATING NATIVE ARTERIOVENOUS FISTULA FOR HAEMODIALYSIS: FOREVER YOUNG
Tamara Jemcov1,2, Marko Baralci,1 Aleksandra Kezic1,2, Milan Radovic1,2, 1Clinical Center Serbia, Nephrology, Belgrade, SERBIA, 2Univ Belgrade, School Medicine, Belgrade, SERBIA.

SP519
ASSOCIATION BETWEEN INITIAL VASCULAR ACCESS AND SURVIVAL IN HEMODIALYSIS ACCORDING TO AGE
Ha Yeon Kim, Eun Hui Bae, Seong Kwon Ma, Soo Wan Kim, Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, KOREA.

SP520
OUTCOMES OF ENDOVASCULAR SALVAGE OF ARTERIOVENOUS FISTULAS FOR HAEMODIALYSIS IN ASIAN POPULATION
Karthikeyan Damodharan1, Kevin B. C. Khaw2, Sum Leong1, Apoorva Gogna1, Nanda K. Karaddi1, Chow Wei Too1, Shaun X. Chan1, Farah G. Irani1, Ankur Patel1, Kiang Hiong Tay1, Bien Soo Tan1, 1Singapore General Hosp, Radiology, Singapore, SINGAPORE, 2Duke Nus Graduate Medical School, Radiology, Singapore, SINGAPORE.

SP521
WHEN TO REFER FOR AUTOLOGOUS VASCULAR ACCESS CREATION IN PRE-DIALYSIS PATIENTS? - A RETROSPECTIVE STUDY

SP522
VASCULAR ACCESS AT HEMODIALYSIS START: A REGIONAL MULTICENTER OBSERVATIONAL STUDY.
Hilary Riva1,2, Luca Giovannacci3, Olivier Giannini4, Giuseppe Bonfert1, 1Osp Beata Vergine Mendrisio, Nephrology and Dialysis, Mendrisio, SWITZERLAND, 2Univ Milano Bicocca, Health Science, Milan, ITALY, 3Osp Regionale Lugano, Vascular Surgery, Lugano, SWITZERLAND, 4Osp Beata Vergine Mendrisio, Internal Medicine, Mendrisio, SWITZERLAND.

SP523
ANKLE BRACHIAL INDEX AND ITS IMPORTANCE ON THE PREDICTION OF ARTERIOVENOUS FISTULA FAILURE
Erjola Likaj, Saimir Seferi, Merita Rroji, Alma Idrizi, Alketa Koroshi, UHC Mother Theresa, Nephrology and Dialysis, Tirane, ALBANIA.

SP524
A RANDOMIZED CONTROLLED TRIAL OF TAUROLIDINE CITRATE VERSUS TAUROLIDINE UROKINASE LOCK TO PREVENT CATHETER RELATED INFECTIONS IN HEMODIALYSIS PATIENTS
Abdullah Hamad1, Ashraf Fawzy2, Mohamed Elsayed1, Rania Ibrahim1, Zafar Mohammad1, Ahmad Hamdy1, Aisha Abdulla1, Hisham Bouanane1, Fadwa Alal1, 1Hamad General Hosp, Nephrology, Doha, QATAR, 2Hamad General Hosp, Internal Medicine, Doha, QATAR.

SP525
RELATIONSHIP OF THE INTERNAL JUGULAR VEIN TO THE COMMON CAROTID ARTERY IN HEMODIALYSIS PATIENTS: A COLOUR DOPPLER STUDY
Srikanth Prasad, Sindhu Kaza, Aswani Srinivas, Mohit Madken, Karan Saraf, Srinivas Shenoy, Dharshan Rangaswamy, Shankar Prasad, Ravindra Prabhu, Kasturba Hosp, Manipal Univ, Dept Nephrology, Manipal, INDIA.

SP526
MODIFIABLE RISK FACTORS AFFECTING THE OUTCOME OF HEMODIALYSIS GRAFT
JEEUN PARK, Jin Hae Kim, Do Hee Kim, Hye Ryoun Jang, Jung Eun Lee, Wooseong Huh, Yoon-Goo Kim, Hye Young Oh, Dae Joong Kim, Samsung Medical Center, Nephrology Division, Dept Medicine, Seoul, KOREA.

SP527
TREATMENT WITH TISSUE PLASMINOGEN ACTIVATOR FOR DYSFUNCTIONAL CUFFED TUNNELED HAEMODIALYSIS CATHETERS
Verica Todorov, Aleksandar Jankovic, Ana Bulatovic, Petar Djuric, Milos Mitrovic, Vesna Maslarevic, Jelena Tomic Dragovic, Verica Stankovic Popovic, Nada Dimkovic, Zvezdana Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA.
SP528
TENECTEPLASE: AN EFFICIENT THERAPY FOR DIALYSIS CATHETERS WITH THROMBOTIC OCCLUSION
Emilia Barzuca1, Nicu Olariu1, Diana Mociar1, Cosmin Librimir1, Adalbert Schiller2, 1B Braun Avitum, Dialysis Centre, Resita, ROMANIA, 2Univ Medicine and Pharmacy Victor Babes

SP529
FOLLOW UP OF ELDERLY PATIENTS WITH CREATED PRE-DIALYSIS ARTERIOVENOUS FISTULA
Vesna Gerasimovska1, Biljana Gerasimovska-Kitanovska2, Aleksandar Sikole3, 1Univ Clinic Nephrology, Vascular Access, Skopje, F.Y.R. OF MACEDONIA, 2Univ Clinic Nephrology, Hypertension, Skopje, F.Y.R. OF MACEDONIA, 3Univ Clinic Nephrology, Hemodialysis, Skopje, F.Y.R. OF MACEDONIA.

SP530
UNIVERSAL MEASURES FOR CATHETER-RELATED BACTEREMIA IN DIALYSIS: 6-YEAR PROSPECTIVE STUDY
Jose Ibeas1, Xavier Vinuesa2, Nuria Alonso2, Esliabet Uroz2, Jose R. Fortunio3, Eva Criado3, Sara Sole3, Valle Jimeno4, Alexis Mateos4, Angel Rodriguez-Jorne1,1Parc Tauli Sabadell, Hosp Univ, Nephrology, Sabadell, Barcelona, SPAIN, 2Parc Tauli Sabadell, Hosp Univ, Nephrology, Sabadell, Barcelona, SPAIN, 3Parc Tauli Sabadell, Hosp Univ, Interventional Radiology, Sabadell, Barcelona, SPAIN, 4Parc Tauli Sabadell, Hosp Univ, Interventional Radiology, Sabadell, Barcelona, SPAIN.

SP531
BUTTONHOLE PUNCTURE METHOD AS SAFE AS ROPELEADER PUNCTURE METHOD
Kazuhiko Shibata1, Hidehisa Satta2, Tadashi Kujii3, Masahiro Nishihara4, Seiichi Kawata3, Naoto Koguchi3, Tomoko Kareda1, Shigei Tooma5, Gen Yasuda1, Yokoahama Minami Clinic, Internal Medicine, Yokohama, JAPAN, 2Kasama Clinic, Internal Medicine, Yokohama, JAPAN, 3Yokodai Central Clinic, Internal Medicine, Yokohama, JAPAN, 4Toshin Clinic, Internal Medicine, Yokohama, JAPAN, 5Tohoku Naika Clinic, Internal Medicine, Nishihara, JAPAN, 6Yokohama City Univ Medical Center, Kidney, Hypertensive Dept, Yokohama, JAPAN.

SP532
AN INCREASE IN MEAN PLATELET VOLUME/PLATELET COUNT RATIO IS ASSOCIATED WITH VASCULAR ACCESS FAILURE IN HEMODIALYSIS PATIENTS
Hee Jung Jeon, So Yon Rhee, Jieun Oh, Dong Ho Shin, Hallym Univ College Medicine, Internal Medicine, Seoul, KOREA.

SP533
CLINICAL OUTCOMES ACCORDING TO THE TYPES OF VASCULAR ACCESS IN THE VERY ELDERLY HEMODIALYSIS PATIENTS: SINGLE CENTER EXPERIENCE
Woo Yeong Park, Seungyuep Han, Sung Bae Park, Kyubok Jin, Seong Sik Kang, Yaerim Kim, Keimyung Univ School Medicine, Keimyung Univ Kidney Inst, Dept Internal Medicine, Daegu, KOREA.

SP534
PREOPERATIVE PWV VALUES ASSOCIATION WITH SUCCESS RATES AND MATURATION TIMES OF NATIVE ARTERIOVENOUS FISTULA IN ESRD PATIENTS
Ileana Peride1,2, Cristiana David1,2, Alexandra Constantin3, Daniela Radulescu1,2, Andrei Niculae1,2, Ileana Vacaru1,2, Ionel Alexandru Checherita1,2, 1Carol Davila Univ Medicine and Pharmacy

SP535
PREDICTORS OF EARLY ARTERIOVENOUS FISTULA FAILURE: A CASE-CONTROL STUDY
Carolina Belino1, Ana Ventura2, Susana Pereira2, João Fernandes2, 1Centro Hosp Vila Nova de Gaia e Espinho, Nefrologia, Vila Nova de Gaia, PORTUGAL, 2Vila Nova de Gaia Hosp Center, Nephrology, Vila Nova de Gaia, PORTUGAL.

SP536
ACUTE AND CHRONIC COMPLICATIONS UPON APPLYING TEMPORARY CATHETERS: PLACE OF INSERTION DEPENDENCE
Biser Borisov1, Vasil Todorov1, Sergey Iliev2, Pencho Tonchev2, 1Dept Surgery, Medical Univ, Pleven, Univ Hosp, 1 Clinic Nephrology and Dialysis, Pleven, BULGARIA.

SP537
EVALUATION OF THE TRAINING RECEIVED BY RENAL TRAINEES IN DIALYSIS LINE INSERTION
Isma Kazmi1, Helen Ford2, Sunil Bhandari2, 1Hull Royal Infirmary, Nephrology, Leeds, UK, 2Hull Royal Infirmary, Dept Renal Medicine, East Riding of Yorkshire, UK.

SP538
SURVEILLANCE OF HEMODIALYSIS VASCULAR ACCESS WITH BIOSENSORS COMBINED WITH DOPPLER-ULTRASOUND TO PREVENT VASCULAR FAILURE
Fernando Caravaca-Fontan1, Milagros Fernandez-Lucas1, Antonio Chinchilla2, Estefania Yerovi1, Maria Delgado-Yague1, Jose Luis Teruel1, Fernando Liaño1, 1Hosp Univ Ramon Y Cajal, Nephrology, Madrid, SPAIN, 2Hosp Univ Ramon Y Cajal, Vascular Surgery, Madrid, SPAIN.
ULTRASOUND BASED ASSESSMENT OF THE INTERNAL JUGULAR VEIN ANATOMY IN CKD PATIENTS UNDERGOING IJV CATHETERIZATION.
Varun Kumar Bandi, Ram Prasad Elumala, Venkata Sai, Soundararajan PI, Sri Ramachandra Univ, Dept Nephrology, Chennai, INDIA, 2Sri Ramachandra Univ, Dept Radiology, Chennai, INDIA.

PROSPECTIVE CONTROLED STUDY OF SYSTEMATIC ULTRASOUND MAPPING IN PATIENTS WITH HIGH RISK OF FAILURE IN FISTULA CREATION

PREDICTIVE VARIABLES FOR FISTULA MATURATION AND PATENCY: PROSPECTIVE COHORT STUDY IN 117 PATIENTS
Rui Abreu, Sara Rioja, Xavier Vinuesa, Ruben Iglesias, Joaquim Vallespin, Jose Ibeas, ICHTMAD, Nephrology, Vila Real, PORTUGAL, 2Hosp Univ Parc Tauli, Vascular Surgery, Sabadell, Barcelona, SPAIN, 3Hosp Univ Parc Tauli, Nephrology, Sabadell, SPAIN.

LONG TERM OUTCOMES OF CENTRAL VENOUS OCCLUSIVE DISEASE RELATED TO HAEMODIALYSIS
Karthikeyan Damodharan, Nandakumar V. Karaddi, Kiang Hiong Tay, Farah G. Irani, Apoorva Gogna, Ankur Patel, Chow Wei Too, Sum Leong, Thijs Urlings, Bien Soo Tan, Sivanathan Chandramohan, Singapore General Hosp, Radiology, Singapore, SINGAPORE.

FOLLOW UP OF ELDERLY PATIENTS ON HEMODIALYSIS WITH TUNNELED HEMODIALYSIS CATHETERS
Vesna Gerasimovska, Biljana Gerasimovska-Kitanovska, Aleksandar Sikole, 1Univ Clinic Nephrology, Vascular Access, Skopje, F.Y.R. OF MACEDONIA, 2Univ Clinic Nephrology, Hypertension, Skopje, F.Y.R. OF MACEDONIA, 3Univ Clinic Nephrology, Hemodialysis, Skopje, F.Y.R. OF MACEDONIA.

ASSOCIATION OF VASCULAR ACCESS FLOW AND VOLUME STATUS ON FISTULA ARM BY BIO-IMPEDANCE ANALYSIS IN HEMODIALYSIS PATIENTS
Hyung Jong Kim, Eun Jung Ko, Younhee Lee, Hun Jung, 1CHA Bundang Medical Center, Internal Medicine, Seongnam, KOREA, 2CHA Bundang Medical Center, Artificial Kidney Center, Seongnam, KOREA, 3Seoul Bukbu Hosp, Internal Medicine, Seoul, KOREA.

ANALYSIS OF VASCULAR ACCESS INTERVENTIONAL THERAPY ;12YEAR FOLLOW UP STUDY IN 5,000 CASES WITH VASCULAR ACCESS FAILURE
Teruhiko Maeba, Asao Kidney Clinic, Internal Medicine, Kawasaki, JAPAN.
DISTINCT IN VIVO IMMUNOLOGIC EFFECTS OF IRON SUCROSE AND IRON ISOMALTOSIDE 1000 ON MONOCYTES

Alexander B. Sellier, Lisa H. Fell, Sarah Seiler-Muiller, Adam M. Zawada, Danilo Fliser, Gunnar H. Heine, Klinik Innere Medizin IV, Universitätsklinikum des Saarlandes, Homburg / Saar, GERMANY.

COMPARISON OF PATIENT HAEMOGLOBIN OUTCOMES WITH WEEKLY IRON ADMINISTRATION VS PER-SESSION IRON ADMINISTRATION IN ADULT HAEMODIALYSIS PATIENTS

Joao Fazendeiro Matos1, Ricardo Peralta1, Carla Felix1, Bruno Pinto1, Ililio Rodrigues2, Carlos Oliveira3, Anibal Ferreira4, Pedro Ponce6, 1Fresenius Medical Care Portugal, NephroCare Portugal, Porto, PORTUGAL, 2Fresenius Medical Care Portugal, NephroCare Barreiro, Barreiro, PORTUGAL, 3Fresenius Medical Care Portugal, NephroCare Almada, Almada, PORTUGAL, 4Fresenius Medical Care Portugal, NephroCare VFixa, VFixa, PORTUGAL, 5Nova Medical School, Medicine, Lisboa, PORTUGAL, 6Fresenius Medical Care Portugal, NephroCare Portugal, Lisboa, PORTUGAL.

EFFECT OF IRON DOSING ON IRON-RELATED PARAMETERS DURING ACTIVATED ERYTHROPOIESIS BY ERYTHROPOIESIS STIMULATING AGENT IN HAEMODIALYSIS PATIENTS

Tadashi Kuij1,2, Tomoyuki Kawano3,2, Eiko Ueda2, Tetsuya Fujikawa2,4, Midori Shino2, Satoshi Yamaguchi5, Kazuhiko Shibata,2, Oshinshi Toshimas2, Kouchi Tamura2, Nobuhito Hirawa2, Yoshiyuki Toya2, Satoshi Umema2, 1Yokodai Central Clinic, Internal Medicine, Yokohama, JAPAN, 2Medical and Cardiorenal Medicine, Internal Medicine, Yokohama, JAPAN, 2Medical Science and Cardiorenal Medicine, Internal Medicine, Yokohama, JAPAN, 3Bunko Clinic, Internal Medicine, Yokohama, JAPAN, 4Yokohama National Univ, Internal Medicine, Yokohama, JAPAN, 5Yokohama Jinyu Hosp, Internal Medicine, Yokohama, JAPAN, 6Yokohama Minami Clinic, Internal Medicine, Yokohama, JAPAN.

ERYTHROPOIETIN STIMULATING AGENTS RESISTANCE IS ASSOCIATED WITH ALL-CAUSE MORTALITY IN MAINTENANCE HEMODIALYSIS PATIENTS

Zijin Chen, Xiaonomg Chen, Ruijin Hosp affiliated to Shanghai Jiaotong Univ School Medicine, Dept Nephrology, Shanghai, CHINA.

IS HEPATIC IRON OVERLOAD ASSOCIATED WITH LIVER FIBROSIS IN CHRONIC HEMODIALYSIS PATIENTS RECEIVING INTRAVENOUS IRON?

Norma L. Castillo1, Silvia Montoloi2, Helena Boixadera3, Albert Pardo2, Marta Romeu4, Montserrat Giralt4, Jordi Soler5, Jariod Manel6, Joan C. Quer2, Alberto Martinez1, 1Hosp Univ Joan XXIII, Nephrology, Tarragona, SPAIN, 2Hosp Univ Joan XXIII, Gastroenterology, Tarragona, SPAIN, 3Hosp Univ Joan XXIII, Inst Diagnostic Imatge, Tarragona, SPAIN, 4Hosp Univ Joan XXIII, Dept Basic Health Sciences, Tarragona, SPAIN, 5Medical Care Nephrology Center, Nephrology, Reus - Tarragona, SPAIN, 6Hosp Univ Joan XXIII, Information Systems, Tarragona, SPAIN.

PARICALCITOL INFLUENCE ON HAEMOGLOBIN LEVELS SHOWING A SYNERGISTIC EFFECT WITH ERYTHROPOIESIS STIMULATING AGENTS AND IRON THERAPY IN HAEMODIALYSIS PATIENTS

Miguel Giovanni Uriol Rivera1, Antonio Corral Baez2, Antonio Francisco Planas Pons3, Manuel Luque Ramirez4, Gabriel Mateo5, Sonia Cleofe Jimenez Mendoza1, Juan Rey Valeriano1, Sheila Cabello Pelegrin1, Aina Remei Obrador Mulet1, 1Hosp Univ Son Espases, Palma de Mallorca, SPAIN, 2Policlínica Miramar, Nephrology, Palma de Mallorca, SPAIN, 3Hosp Inca, Nephrology, Inca, SPAIN, 4Hosp Ramon y Cajal, Endocrinology, Madrid, SPAIN, 5Nefial (Haemodialysis center), Nephrology, Palma de Mallorca, SPAIN.

HB LEVELS AND DOSE OF IRON ASSOCIATED WITH ADVERSE EVENTS ARE DIFFERENT BETWEEN YOUNGER AND ELDERLY HEMODIALYSIS PATIENTS.

Takahiro Kuragano, Mana Yahiro, Aritoboshi Kida, Masayoshi Nanami, Yasuyuki Nagasawa, Yukiko Hasuike, Takeshi Nakanishi, Hyogo College Medicine, Dept Internal Medicine, Nishinomiya, JAPAN.

FACTORS ASSOCIATED WITH THE MAGNETIC RESONANCE IMAGING ESTIMATED LIVER CONCENTRATION IN LONG-TERM HEMODIALYSIS PATIENTS RECEIVING INTRAVENOUS IRON SUPPLEMENTATION

Norma L. Castillo1, Helena Boixadera2, Marta Romeu3, Monica Munoz3, Soler Jordi4, Manel Jariod5, Alberto Martinez1, 1Hosp Univ Joan XXIII, Nephrology, Tarragona, SPAIN, 2Hosp Univ Joan XXIII, Inst Diagnostic Imatge, Tarragona, SPAIN, 3Hosp Univ Joan XXIII, Inst Diagnostic Imatge, Tarragona, SPAIN, 4Hosp Ramon y Cajal, Endocrinology, Madrid, SPAIN, 5Nefial (Haemodialysis center), Nephrology, Palma de Mallorca, SPAIN.
SP554
LOW LEVELS OF SERUM FERRITIN WITH MODERATE LEVEL OF TRANSFERRIN SATURATION MAINTAINS ADEQUATE ANEMIA CONTROL IN HEMODIALYSIS PATIENTS TREATED WITH DARBEPOETIN ALFA
Chie Ogawa1,2, Ken Tsuchiya3,2, Fumiyo Kanda1,2, Kunimi Maeda1,2, 1Maeda Inst Renal Research, Internal Medicine, Kawasaki, JAPAN, 2Biomarker Society, Inc, Kawasaki, JAPAN, 3Tokyo Women’s Medical Univ, Div Nephrology, Dept Internal Medicine, Kidney Center, Tokyo, JAPAN.

SP555
IMPROVING ANAEMIA THERAPY IN HAEMODIALYSIS PATIENTS: RESULTS OF A MULTICENTRE CLINICAL AUDIT
Iain C. Macdougall1, Antonio Sousa2, Carlos Andrade2, Erika Schümann3, Thomas Ryzlewicz3, Franz-Ferdinand Becker4, Amelia Fairburn-Beech4, William Kilgallon4, 1King’s College Hosp, Renal Unit, London, UK, 2Fundação Renal Portuguesa, Dialysis Unit, Portalegre, PORTUGAL, 3Via Medis Nierencentren, Dialysis Unit, Riesa, GERMANY, 4Oxyless Ltd, Clinical Research, London, UK.

SP556
PHARMACY BASED DOSING OF DARBEPOETIN: A RANDOMIZED CONTROLLED TRIAL IN HEMODIALYSIS PATIENTS
Francisca J. Oever, van den1, Carolien F. M. Heetman-Meijer1, Erwin Birnie2,3, Yvonne C. Schrama4, 1Franciscus Gasthuis, Clinical Pharmacy, Rotterdam, NETHERLANDS, 2Franciscus Gasthuis, Statistics, Rotterdam, NETHERLANDS, 3Erasmus Univ, Inst Health Policy and Management, Rotterdam, NETHERLANDS, 4Franciscus Gasthuis, Nephrology, Rotterdam, NETHERLANDS.

SP557
PARICALCITOL IS ASSOCIATED WITH AN INCREASED PLASMA ERYTHROPOIETIN LEVELS IN ANAEMIC HAEMODIALYSIS PATIENTS
Miguel Giovanni Uriol Rivera1, Manuel Luque Ramirez2, Sheila Cabello Pelegrin1, Maria Antonia Munar Vilà1, Josep Miquel Bauçà Rosselló3, Joan Manel Gascó Company1, Carlos Rafael Barraza Jimenez1, Angel Garcia Alvarez4, 1Hosp Univ Son Espases, Nephrology, Palma de Mallorca, SPAIN, 2Hosp Ramon y Cajal, Endocrinology, Madrid, SPAIN, 3Hosp Univ Son Espases, Lab Medicine, Palma de Mallorca, SPAIN, 4Hosp Univ Son Espases, Clinical Pharmacology, Palma de Mallorca, SPAIN.

SP558
24-MONTH SAFETY OUTCOMES OF BIOSIMILAR EPOETIN ALFA IN THE EUROPEAN MONITOR-CKD5 PHARMACOEPIEMIOLOGICAL STUDY OF ANAEMIA IN HAEMODIALYSIS PATIENTS
David Goldsmith1, Johannes Mann2, Frank Dellanna3, Gerard London4, Christian Combe5, Phillipe Zaoui6, Michael Gorray7, Nadja Hoebel8, Ivo Abraham9,10, Karen MacDonald9, Matthew Turner7, 1Guy’s and St Thomas Hosp, Renal, Dialysis and Transplantation Unit, London, UK, 2Friedrich Alexander Universität Erlangen-Nurnberg, Dept Medicine IV, Erlangen, GERMANY, 3MVZ DaVita, Karlstrasse, Dusseldorf, GERMANY, 4Centre Hosp F.H. Manhès, Dept Nephrology, Fleury-Mérogis, FRANCE, 5Centre Hosp Univ Bordeaux, Service Néphrologie Transplantation Dialyse, Bordeaux, FRANCE, 6Univ Grenoble, Dept Nephrology, Grenoble, FRANCE, 7Sandoz Biopharmaceuticals, Medical Affairs, Holzkirchen, GERMANY, 8Sandoz Biopharmaceuticals, Biostatistics, Holzkirchen, GERMANY, 9Matrix, 45, Earlysvlle, VA, 10Univ Arizona, College Pharmacy, Tucson, AZ.
SP559  PROTON PUMP INHIBITORS USE IS ASSOCIATED WITH AN INCREASED RISK OF FRACTURES: RESULTS FROM THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS).
Maria Fussaro1, Maurizio Gallieni2, Annalisa Pitino1, Graziella D’Arrigo3, Sabrina Molinarno1, Giorgio Iervasi1, Andrea Aghi4, Mario Plebani5, Sandro Giannini6, Fabio Malberti6, Loreto Gesualdo7, Brian Bieber8, Keith McCullough8, Giovanni Tripepi9, Francesca Tenor18, Ilnist Clinical Physiology, National Council of Research (CNR), Pisa, ITALY, 2Nephrology and Dialysis Unit, San Carlo Borromeo Hosp, Biomedical and Clinical Science L. Sacco, Univ Milano, Milano, ITALY, 3Clinical Epidemiology and Physiopathology of Renal Disease and Hypertension, IFC-CNR, Reggio Calabria, ITALY, 4Clinica Medica 1, Univ Padova, Padova, ITALY, 5Lab Medicine Unit, Univ Padova, Padova, ITALY, 6Div Nephrology and Dialysis, Ist Osp Cremona, Cremona, ITALY, 7Nephrology, Dialysis and Transplantation Unit, Aldo Moro Univ Bari, Bari, ITALY, 8Arbor Research, Arbor Research Collaborative for Health, Ann Arbor, MI.

SP560  ASSESSMENT OF VISUAL ACUITY CHANGES IN RESPONSE TO HAEMODIALYSIS
Huda Mahmoud1,2, Philip Wright1,3, Laurence Hodierne1, Oliver R. Smith4, Andrew B. Newsham1, Oliver R. Smith4, Philippa Cory1, Emily Weisfield1, Maïda Amran1, Simon De Sousa1, Patrick Richardson5, Nicholas M. Selby1, 1Royal Derby Hosp, Dept Renal Medicine, Derby, UK, 2Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK, 3Royal Derby Hosp, Dept Ophthalmology, Derby, UK, 4Derby Royal Hosp, Dept Renal Medicine, Derby, UK, 5Derby Royal Hosp, Dept Ophthalmology, Derby, UK, 6Div Nephrology and Dialysis, Ist Osp Cremona, Cremona, ITALY, 7Nephrology, Dialysis and Transplantation Unit, Aldo Moro Univ Bari, Bari, ITALY, 8Arbor Research, Arbor Research Collaborative for Health, Ann Arbor, MI.

SP561  ASSOCIATION BETWEEN DAILY HEMODIALYSIS, ACCESS TO RENAL TRANSPLANTATION AND PATIENT'S SURVIVAL IN FRANCE
Adelaide Pladys1,2, Cécile Vigneau2,3, Cécile Couchoud4, Bayat Sahar1, 1French School Public Health, Epidemiology and Biostatistics, Rennes, FRANCE, 2Univ Rennes 1, UMR CNRS 6290, Rennes, FRANCE, 3CHU Pontchaillou, Service Nephrologie, Rennes, FRANCE, 4Agence Biomedecine, Registre REIN, La Plaine Saint Denis, FRANCE.

SP562  THE PLACE OF PALLIATIVE CARE-RELATED HOSPITIZATION IN THE MANAGEMENT OF END-STAGE RENAL DISEASE PATIENTS ON RENAL REPLACEMENT THERAPY IN FRANCE
Cécile Couchoud1, Arnaud Del Bello2, Sylvie Blanchard3, François Chantrel4, Thierry Lobbedez5, Jocelyne Maurizi-Balzan6, Olivier Moranne7, 1Agence Biomédecine, REIN registry, Saint Denis La Plaine, FRANCE, 2Univ Hosp Toulouse, Nephrology Unit, Toulouse, FRANCE, 3Univ Hosp Caremeau, Nephrology Unit, Nimes, FRANCE, 4Groupe Hosp Region Mulhouse et Sud Alsace, Nephrology Unit, Mulhouse, FRANCE, 5Univ Hosp Caen, Nephrology Unit, Caen, FRANCE, 6Univ Hosp Grenoble, Nephrology Unit, Grenoble, FRANCE, 7Univ Hosp Caremeau, Nephrology Unit, Nimes, FRANCE.

SP563  ANTIBODIES TO HBV SURFACE ANTIGEN AS A PREDICTOR OF SURVIVAL IN HEMODIALYSIS PATIENTS - A PROSPECTIVE STUDY
Alicja E. Grzegorzewska1, Monika K. Śviderska2, Wojciech WarchoŁ3, 1Poznań Univ Medical Sciences (PUMS), Dept Nephrology, Transplantology and Internal Diseases, Poznań, POLAND, 2PUMS, Student Nephrology Research Group, Poznań, POLAND, 3PUMS, Dept Biophysics, Poznan, POLAND.

SP564  COPMARISON OF IMMUNOSUPPRESSIVE MEDICATION PRESCRIBED AMONG HEMODIALYSIS PATIENTS WITH FAILED KIDNEY TRANSPLANTS IN EUROPE, AUSTRALIA & NEW ZEALAND, AND NORTH AMERICA, FROM THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY
Alan B. Leichtman1, Maria Larkina1, Bruce M. Robinson1, Francesca Tenor1, Joan Fort2, Richard J. Fluck3, Hal Morganstern4, Jacry Zeel1, Arbor Research, DOPPS, Ann Arbor, MI, 2Hosp Vall d’Hebron, Nephrology, Barcelona, SPAIN, 3Royal Derby Hosp, Nephrology, Derby, UK, 4Univ MI, SPH, Ann Arbor, MI.

SP565  DIALYSIS' EMERGENCY START IN 2012 IN FRANCE: EVOLUTIONS SINCE 2006 AND PERSPECTIVES.
Alain Michell, Adelaide Pladys2,3, Sahar Bayat2, Cécile Couchoud4, Cécile Vigneau1,5, 1CHU Pontchaillou, Service Néphrologie, Rennes, FRANCE, 2EHESP, Dép Epidemiologie et Biostatistiques, Rennes, FRANCE, 3Univ Rennes 1, Umr cnrs 6290, Rennes, FRANCE, 4Agence Biomédecine, Registre REIN, La Plaine St Denis, FRANCE, 5Univ Rennes 1, Fac Médecine, Rennes, FRANCE.

SP566  ASSOCIATION OF INTRADIALYTIC CENTRAL VENOUS OXYGEN SATURATION VARIABILITY AND MORTALITY
Hanjie Zhang1, Lili Chan2, Anna Meyring-Wösten1, Stephan Thijssen1, Peter Kotanko1,2, 1RRI, Research, New York, NY, 2cahn School Medicine at Mount Sinai, Nephrology, New York, NY.
SP567
MORTALITY ON DIALYSIS AFTER KIDNEY TRANSPLANT FAILURE: RESULTS FROM THE NATIONALWIDE DIALYSIS REGISTRY OF JAPAN
Takehiko Kawaguchi1, Moritoshi Kadomura1, Takafumi Yamakawa1, Motonobu Nishimura1, Yohei Tsuchiya1, Maiko Nagata1, Mao Watanabe1, Takayuki Hamano2, Ikuto Masakane2, Toshiyuki Imasawa1, 1Chiba East Hosp, Dept Nephrology, Chiba, JAPAN, 2Japanese Society Dialysis Therapy, Committee Renal Data Registry, Tokyo, JAPAN.

SP568
WHAT IS THE BENEFIT OF DIALYSIS IN FRAIL ELDERLY PATIENTS?
Andrew Mooney1, Ionut Nistor2, Wim Van Biesen2, Adrian Covic3, Ken Farrington4, European Renal Best Practice Guidelines Group (ERBP), 1Leeds Teaching Hosp, Renal Unit, Leeds, UK, 2Univ Hosp Ghent, Dept Nephrology, Ghent, BELGIUM, 3Univ Medicina si Farmacie Grigore T. Popa, Nephrology, Dialysis and Transplantation Center, Iasi, ROMA-NIA, 4Lister Hosp, Renal Unit, Stevenage, UK.

SP569
HOSPITIZATION FOR CIRCULATORY SYSTEM DISEASE AFTER FIRST CHRONIC HEMODIALYSIS IN CENTRAL ITALY: DIFFERENCES BY AGE, GENDER AND EDUCATION LEVEL
Claudia Marinelli1, Nera Agabiti1, Anteo Di Napoli2, Salvatore Di Giulio3, Marina Davoli1, Lazio Regional Registry of Hemodialysis and Transplant Collaborative Group, 1Lazio Regional Hospital Service, Dept Epidemiology, Rome, ITALY, 2Italian Society Nephrology, National Registry Dialysis Committee, Rome, ITALY, 3Lazio Regional Health Service, Technical and Scientific Commission, Rome, ITALY.

SP570
DEVELOPMENT, IMPLEMENTATION AND FOLLOW UP OF HEMODIALYSIS CATHETER RELATED BLOOD STREAM INFECTION (CRBSI) MANAGEMENT PROTOCOL, A SINGLE CENTER EXPERIENCE
Mohamed E. Elrga1, Marwa Meheissen2, Alyaa Elghitani3, Mahmoud Abdelghany1,4, Ahmed F. Elkerai4,5,1, Kidney and Urology Center, Nephrology, Alexandria, EGYPT, 2Alexandria Univ, Microbiology & Immunology Dept, Alexandria, EGYPT, 3Kidney and Urology Center, Clinical Pharmacy, Alexandria, EGYPT, 4Kidney and Urology Center, Quality Assurance, Alexandria, EGYPT, 5Alexandria Univ, Nephrology, Alexandria, EGYPT.

SP571
VIRAL HEPATITIS B AND C SEROCONVERSION RATES IN INCIDENT HEMODIALYSIS PATIENTS: A COHORT STUDY
Boris Bikkov1,2, Natalia Tomilina2,1, 1A.I.Evdokimov Moscow State Univ Medicine and Dentistry, Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2Academician V.I.Shumakov Federal Research Center Transplantology and Artificial Organs, Dept Nephrology Issues Transplanted Kidney, Moscow, RUSSIAN FEDERATION.

SP572
SEASONAL VARIATIONS IN MORTALITY AND HOSPITIZATION OF A LARGE U.S. HEMODIALYSIS POPULATION
Maggie Han1, Jochen G. Raimann1, Yuedong Wang2, Len Usvyat3, Peter Kotanko1,4, Frank Maddux5, 1Renal Research Inst, Research, New York, NY, 2Univ California, Dept Statistics and Applied Probability, Santa Barbara, CA, 3Fresenius Medical Care North America, Integrated Care Analytics, Waltham, MA, 4Icahn School Medicine Mount Sinai, Nephrology, New York, NY, 5Fresenius Medical Care North America, Medical Office, Waltham, MA.

SP573
JOINT EFFECT OF HEIGHT AND BODY MASS INDEX AND THEIR INVERSE ASSOCIATION WITH MORTALITY FOR HEMODIALYSIS PATIENTS USING CONTOUR PLOTS: RESULTS FROM THE MONITORING DIALYSIS OUTCOMES (MONDO) INITIATIVE.
Alice Topping1, Samir Patel2, Hanjie Zhang1, Xiaoling Ye1, Bernard Canaud3, Daniiele Marcelli3, Aileen Grassman3, Cristina Marel3,4, Adrian Guinsburg4, Xiaoqi Xu5, Albert Power6, Neill Duncan7, J.P. Kooman8, Frank van der Sande8, Len Usvyat9, Yuedong Wang10, Peter Kotanko11, Jochen G. Raimann1, 1Renal Research Inst, Analytics, New York, NY, 2Renal Research Inst, Research, New York, NY, 3Fresenius Medical Care, Dept Statistics and Applied Probability, Santa Barbara, CA, 4Fresenius Medical Care North America, Integrated Care Analytics, Waltham, MA, 5Icahn School Medicine Mount Sinai, Nephrology, New York, NY, 6Icahn School Medicine Mount Sinai, Nephrology, New York, NY, 7Mount Sinai School of Medicine, New York, NY.

SP574
DYNAMICS OF FLUID STATUS AND INFLAMMATION IN AN INTERNAL HEMODIALYSIS PATIENT COHORT
Marijke Dekker1,1, Danièle Marcelli2, Bernard Canaud2, Paola Carioni2, Yuedong Wang3, Aileen Grassmann2, Constantijn Konings4, Peter Kotanko5, Karel Leunissen6, Nathan Levin6, Frank van der Sande1, Xiaoling Ye5, Vaibhav Maheshwari5, Len Usvytan5, Jeroen Kooman1, 1MLMC+1, Nepehrology, Maasirch, NETHERLANDS, 2Fresenius Medical Care, Nephrology, Bad Homburg, GERMANY, 3Univ California, Nephrology, Santa Barbara, CA, 4Catharina Hosp, Nephrology, Eindhoven, NETHERLANDS, 5Renal Research Inst, Nephrology, New York, NY, 6Icahn School Medicine at Mount Sinai Health System, Nephrology, New York, NY.
SP575
PREVALENCE AND AWARENESS AND TREATMENT OF URAEMIC PRURITUS IN PEOPLE ON AEMODIALYSIS: INTERNATIONAL COMPARISONS FROM THE DOPPS
Hugh Rayner1, Matthew Graham-Brown2, Sabine N. van der Veer3, Mia Wang4, Brian Bieher4, Francesca Tentori4,5, Bruce M. Robinson4, Ronald L. Pisoni4, 1Heart England NHS Foundation Trust, Nephrology, Birmingham, UK, 2Univ Hosps Leicester NHS Trust, Renal Medicine, Leicester, UK, 3Univ Manchester, Centre Health Informatics, Manchester, UK, 4Arber Research Collaborative for Health, DOPPS, Ann Arbor, MI, 5Vanderbilt Univ, Medical Center, Nashville, TN.

SP576
DETERMINANT EFFECTS OF AVERAGE FASTING PLASMA GLUCOSE ON MORTALITY IN DIABETIC END-STAGE RENAL DISEASE ON MAINTENANCE HEMODIALYSIS: AN INVESTIGATION USING DATA FROM THE TAIWAN RENAL REGISTRY SYSTEM FROM 2005 TO 2012
Yen-Chung Lin1,2,3, Yi-Chun Lin4,5, Hsi-Hsien Chen1,2, Mai-Szu Wu1,2, 1Taipei Medical Univ Hosp, Div Nephrology, Dept Internal Medicine, Taipei, TAIWAN, 2Taipei Medical Univ, Div Nephrology, Dept Internal Medicine, School Medicine, College Medicine, Taipei, TAIWAN, 3Graduate Inst Clinical Medicine, Taipei, TAIWAN, 4Taipei Veterans General Hosp, Internal Medicine, Taipei, TAIWAN, 5National Yang-Ming Univ, Internal Medicine, Taipei, TAIWAN.

SP577
ASSOCIATION OF INTRADIALYTIC CENTRAL VENOUS OXYGEN SATURATION AND MORTALITY
Lili Chan1, Hanjie Zhang2, Anna Meyring-Wösten2, Stephan Thijssen2, Peter Kotanko2, 1Icahn School Medicine Mount Sinai, Nephrology, New York, NY, 2Renal Research Inst, Research, New York, NY.

SP578
THE CHOICE OF RENAL REPLACEMENT THERAPY PROJECT (CORETH): DIALYSIS PATIENTS’ PSYCHOSOCIAL CHARACTERISTICS AND TREATMENT SATISFACTION
Maxi Robinski1, Willfried Mau1, Andreas Wienke2, Matthias Girndt3, 1Medical Fac Martin Luther Univ Halle-Wittenberg, Inst Rehabilitation Medicine, Halle (Saale), GERMANY, 2Medical Fac Martin Luther Univ Halle-Wittenberg, Inst Medical Epidemiology, Biostatistics, and Informatics, Halle (Saale), GERMANY, 3Medical Fac Martin Luther Univ Halle-Wittenberg, Internal Medicine II, Halle (Saale), GERMANY.

SP579
TREATMENT PATTERNS AMONG CITY AND RURAL PREVALENT HEMODIALYSIS PATIENTS: A CROSS-SECTIONAL STUDY
Boris Bikbov1,2, Natalia Tomilina2,1, 1A.I.Evdokimov Moscow State Univ Medicine and Dentistry, Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2Academician V.I.Shumakov Federal Research Center Transplantology and Artificial Organs, Dept Nephrology Issues Transplanted Kidney, Moscow, RUSSIAN FEDERATION.

SP580
COMPARISON BETWEEN LUNG ULTRASONOGRAPHY, BIOIMPEDANCE DATA AND ECHOCARDIOGRAPHY PARAMETERS IN HEMODIALYSED END STAGE RENAL DISEASE PATIENTS
Andrejus Bura1, Irmante Stramaityte1, Ruta Vaiciuniene1, Dalia Mitraite2, Edita Ziginskiene1, Vytautas Kuzminski1, Inga A. Bumberyte1, 1Lithuanian Univ Health Sciences, Nephrology Dept, Kaunas, LITHUANIA, 2Lithuanian Univ Health Sciences, Radiology Dept, Kaunas, LITHUANIA.

SP581
POOR PHYSICAL PERFORMANCE IN HEMODIALYSIS PATIENTS CAPTURES AN INCREASINGLY HIGHER PREDICTIVE POWER FOR MORTALITY ACROSS PROGRESSIVE AGE-STRATA
Claudia Torino, Maurizio Postorino, Giovanni Tripepi, Francesca Zoccali, Carmine Zoccali, on behalf of PROGREDIRE Work Group, CNR-IFC, & Nephrology and Renal Transplantation Unit, Reggio Calabria, ITALY.

SP582
ASSOCIATIONS OF EMPLOYMENT STATUS AND EDUCATIONAL LEVELS WITH MORTALITY AND HOSPITALIZATION IN THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY IN JAPAN
Yasuo Imanishi, Shingo Fukuma2, Takanobu Nomura3, Angelo Karaboyas4, Bruce M. Robinson4,5, Ronald L. Pisoni4, Takashi Akiba6, Tadao Akizawa7, Shunichi Fukuhara7, 10saka City Univ, Metabolism, Endocrinology & Molecular Medicine, Osaka, JAPAN, 2Kyoto Univ, Dept Healthcare Epidemiology, Kyoto, JAPAN, 3Kyowa Hakko Kirin, Co. Ltd, Medical Affairs, Tokyo, JAPAN, 4Arbor Research Collaborative for Health, Arbor Research, Ann Arbor, MN, 5Univ Michigan, Univ Michigan, Ann Arbor, MN, 6Tokyo Women's Medical Univ, Dept Blood Purification and Internal Medicine, Tokyo, JAPAN, 7Showa Univ School Medicine, Div Nephrology, Tokyo, JAPAN, 8Fukushima Medical Univ, Center Innovative Research Communities and Clinical Excellence, Fukushima, JAPAN.

SP583
GLOMERULAR FILTRATION RATE AND INITIATION OF DIALYSIS
Rachele Escoli, Alice Lança, Ivan Luz, Sara Querido, Hernani Gonçalves, Paulo Santos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.
SP584 NUTRITION IN HEMODIALYSIS (HD) PATIENTS FROM THE DOPPS IN THE GULF COOPERATION COUNCIL (GCC) COUNTRIES
Fadwa Al-Alil, Brian Bieber, Ronald L. Pisoni, Hany Ezzat, Jamal Alwakeel, Sumaya Al Ghareeb, Abdulkarim Saleh, Yacoub Al Mimani, Anas Alyousef, Abdullah Hamad, on behalf of the GCC-DOPPS Study Group, Hamad General Hosp, Nephrology, Doha, QATAR, 2Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3King Saud Univ, Nephrology, Riyadh, SAUDI ARABIA, 4Al-Salamiya Medical Complex, Nephrology, Manama, BAHRAIN, 5Shaikh Khalifa Medical City, Nephrology, Abu Dhabi, UNITED ARAB EMIRATES, 6Royal Hosp, Nephrology, Muscat, OMAN, 7Farwanyea Hosp, Nephrology, Kuwait City, KUWAIT.

SP585 IMPLEMENTATION AND FIRST RESULTS OF THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS) PRACTICE MONITOR (DPM) FOR GERMANY
Werner Kleophas, Lindsay Zepel, Douglas S. Fuller, Brian Bieber, Juergen Bommer, Friedrich Port, Ronald L. Pisoni, Bruce Robinson, Francesca Tentori, IMVZ DaVita Rhein-Ruhr, Nephrology, Dusseldorf, GERMANY, 2Heinrich-Heine- Univ, Nephrology, Dusseldorf, GERMANY, 3Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 4Dialysezentrum Heidelberg, Nephrology, Heidelberg, GERMANY.

SP586 COGNITIVE TESTING IN DIALYSIS PATIENTS: THE PROBLEM OF MISSING CASES
Maxi Robinski, Denise Neumann, Wilfried Maul, Matthias Girndt, 1Medical Fac Martin Luther Univ Halle-Wittenberg, Inst Rehabilitation Medicine, Halle (Saale), GERMANY, 2Medical Fac Martin Luther Univ Halle-Wittenberg, Internal Medicine II, Halle (Saale), GERMANY.

SP587 DEMOGRAPHICS AND KEY CLINICAL CHARACTERISTICS OF HEMODIALYSIS PATIENTS FROM THE GULF COOPERATION COUNCIL (GCC) PARTICIPATING IN DOPPS
Ali AlSahow, Jahra Hosp, Medicine, Jahra, KUWAIT.

SP588 LOOKING FOR CUTOFF VALUES OF TRANSAMINASES AND OTHER RELATED FACTORS WITH THE HCV INFECTION IN HD PATIENTS
Nicolas Marigliano, Rosa Ramos, Sandra Castellano, Francesc Moreso, M Angel Pinedo, M Antonio Romero, Ignacio Merello, Javier Varas, Fresenius Medical Care Spain SA, Medical, Madrid, SPAIN, 2Fresenius Medical Care Spain SA, Clinics, Bilbao, SPAIN, 3Fresenius Medical Care Spain SA, Clinics, Bilbao, SPAIN.

SP589 COGNITIVE FUNCTION TESTED BY MULTI-DOMAIN ASSESSMENT IS REDUCED DURING HAEMODIALYSIS
Mark D. Findlay, Deborah McGlynn, Patrick Mark, 1Univ Glasgow, Inst Cardiovascular and Medical Sciences, Glasgow, UK, 2NHG Greater Glasgow and Clyde, Glasgow Renal and Transplant Unit, Glasgow, UK.

SP590 UNRAVELLING THE RELATIONSHIP BETWEEN MORTALITY, HYPONATREMIA, INFLAMMATION AND MALNUTRITION IN HEMODIALYSIS PATIENTS: RESULTS FROM THE INTERNATIONAL MONDO INITIATIVE
Marijke Dekker, Daniel Marcelli, Bernard Canaud, Constantijn Konings, Karel Lenissen, Nathan Levin, Paola Carioni, Vaibhav Maheshwar, Jochen Raimann, Frank van der Sandel, Len Usvyat, Peter Kotanko, Jeroen Konings, 1MUMC+, Nephrology, Maastricht, NETHERLANDS, 2Fresenius Medical Care, Nephrology, Bad Homburg, GERMANY, 3Catharina Hosp, Nephrology, Eindhoven, NETHERLANDS, 4Renal Research Inst, Nephrology, New York, NY.

SP591 EFFECT OF OVERHYDRATION ON QUALITY OF LIFE IN MEXICAN HAEMODIALYSIS PATIENTS

SP592 HEMODIALYSIS IS AN INDEPENDENT NEGATIVE PREDICTOR OF RENAL CELL CARCINOMA
Noriko Hayami, Yoshifumi Ubara, Junichi Hoshino, Toranomon Hosp, Kidney Center, Kawasaki-shi, JAPAN.

SP593 THE KILLER LONG BREAK: ASSOCIATION BETWEEN INTERDIALYTIC WEIGHT GAIN, ULTRAFILTRATION RATE AND INTERDIALYTIC INTERVAL
Emily See, John Agar, Barwon Health, Nephrology, Geelong, AUSTRALIA.
SP594 INCREASED RISK OF DEATH, CARDIOVASCULAR AND INFECTION-RELATED ADVERSE OUTCOMES IN DIALYSIS PATIENTS WITH DEMENTIA
Yi-Ting Lin1,2,3, Ping-Hsun Wu4,3, Ming-Yen Lin4, Teng-hui Huang4, Yi-Wen Chiu4,5, Shang-Jyh Hwang4,5, Jer-Chia Tsai4,5, Hung-Chun Chen4,5, 1Kaohsiung Municipal Hsiao–Kang Hosp, Dept Family Medicine, Kaohsiung, TAIWAN, 2Kaohsiung Medical Univ Hosp, Dept Family Medicine, Kaohsiung, TAIWAN, 3Kaohsiung Medical Univ, Inst Clinical Medicine, College Medicine, Kaohsiung, TAIWAN, 4Kaohsiung Medical Univ Hosp, Div Nephrology, Dept Internal Medicine, Kaohsiung, TAIWAN, 5Kaohsiung Medical Univ, Fac Renal Care, College Medicine, Kaohsiung, TAIWAN.

SP595 ASSOCIATION OF NEUROCOGNITIVE FUNCTIONING WITH PHYSICAL AND SOCIAL FUNCTION IN ADULTS WITH END-STAGE KIDNEY DISEASE ON HAEMODIALYSIS: THE COGNITIVE-HD STUDY
Anita Van Zwieteren1, Germaine Wong1, Suetonia Palmer2, Valeria Saglimbene3, Marinella Ruospo3,4, Jonathan Craig1, Jörgen Hegbrant3, Giovanni Strippoli3,1, 1Univ Sydney, Sydney School Public Health, Sydney, AUSTRALIA, 2Univ Otago Christchurch, Dept Medicine, Christchurch, NEW ZEALAND, 3Diaverum Medical Scientific Office, Scientific Affair, Lund, SWEDEN, 4Amedeo Avogadro Univ Eastern Piedmont, Div Nephrology and Transplantation, Novara, ITALY.

SP596 AFEBRILE ADULT CHRONIC HEMODIALYSIS PATIENTS WITH BACTEREMIA ARE ASSOCIATED WITH HIGHER IN-HOSP MORTALITY
Wonhak Kim, Mun Jang, Seung Don Baek, Soon Bae Kim, Asan Medical Center, Div Nephrology, Dept Internal Medicine, Seoul, KOREA.

SP597 FAVOURABLE BIOCHEMICAL OUTCOMES OF FREQUENT HEMODIALYSIS AT HOME USING THE NXSTAGE® SYSTEM ONE™ - THE EUROPEAN EXPERIENCE
Natalie Borman1, Maxence Ficheux2, Maria F. Slon3, Hafedh Fessi4, Giacomo Colussi5, Loreto Gesualdo6, Maria A. Bajo7, Eric Weinhandl8, 1Queen Alexandra Hosp, Wessex Renal and Transplantation Unit, Portsmouth, UK, 2CHR Clémenceau, Service Néphrologie-Hémodialyse-Transplantation, Caen, FRANCE, 3Hosp Navarra, Servicio Nefrologia, Pamplona, SPAIN, 4Hop Tenon, Service Néphrologie et Dialyses, Paris, FRANCE, 5Niguarda Hosp, Nefrologia & Centro Trapianti Rene, Milano, ITALY, 6Policlinic Univ, Azienda Osp Univ Consorziale Policlinico, Bari, ITALY, 7Hosp Univ La Paz, Servicio Nefrologia, Madrid, SPAIN, 8Univ Minnesota, College Pharmacy, Dept Pharmaceutical Care and Health Systems, Minneapolis, MN.

SP598 EARLY MORTALITY PREDICTORS IN HAEMODIALYSIS
Rachele Escoli, Alice Lança, Ivan Luz, Sara Conde, Hernani Gonçalves, Paulo Santos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.

SP599 NATURAL KILLER CELL ACTIVITY CORRELATES WITH AGE AND DIALYSIS DURATION IN HEMODIALYSIS PATIENTS
Jung Eun Lee1, Hoon Young Choi2, Ah-ran Choi2, Hyung Jong Kim3, Sang Youb Han4, Sang-Woong Han5, Hyeong Cheon Park2, 1Yongin Severance Hosp, Yonsei Univ College Medicine, Internal Medicine, Yongin, KOREA, 2Gangnam Severance Hosp, Yonsei Univ College Medicine, Internal Medicine, Seoul, KOREA, 3Bundang CHA Medical Center, CHA Univ, Internal Medicine, Seongnam, KOREA, 4Inje Univ Ilsan-Paik Hosp, Internal Medicine, Goyang, KOREA, 5Hanyang Univ Guri Hosp, Internal Medicine, Guri, KOREA.

SP600 SCREENING OF EXECUTIVE FUNCTION MORE USEFULL THAN GLOBAL COGNITION ASSESSMENT OF PREDICTION OF MORTALITY IN HEMODIALYSIS PATIENTS
Alexandra Tasmoc1, Ionut Nistor2, Mihaela D. Donciu2, Adrian Covic2, 1Univ Medicine and Pharmacy Gr. T. Popa, Medical Deontology and Bioethics Dept, Iasi, ROMANIA, 2Univ Medicine and Pharmacy Gr. T. Popa, Nephrology Dept, Iasi, ROMANIA.

SP601 QUALITY OF LIFE AS OUTCOME PREDICTOR AND AS DEPENDENT VARIABLE
Anastasia Sabodash1,2, Roman Gerasimchuk3, Konstantin Vishnevski4, Alexsander Zemchenkov3,1, 1First St-Petersburg State Medical Univ n.a.I.P.Pavlov, Nephrology and Dialysis Chair, St-Petersburg, RUSSIAN FEDERATION, 2Braun Avitum Russland Clinics, Dialisis unit, St-Petersburg, RUSSIAN FEDERATION, 3North-Western State Medical Univ n.a.I.I.Mechnikov, Internal Diseases and Nephrology Chair, St-Petersburg, RUSSIAN FEDERATION, 4City Hosp N15, Dialysis Unit, St-Petersburg, RUSSIAN FEDERATION.

SP602 EFFECTS OF PROSTANOIDS ON THE OUTCOME OF DIALYSIS PATIENTS WITH CRITICAL LIMB ISCHEMIA
Florian Knoll, Wolfgang Popp, Emanuel Zitt, Hannalore Sprenger-Mähr, Karl Lhotta, Feldkirch Academic Teaching Hosp, Dept Nephrology and Dialysis, Feldkirch, AUSTRIA.
SP603
PATIENT SURVIVAL ON PERITONEAL DIALYSIS COMPARED WITH HEMODIALYSIS IN KOREA: NOT A DIFFERENT STORY
Jeonghwan Lee1, A Jin Cho2, Jiwon Ryu3, Dong Ho Shin4, Sung Gyun Kim5, 1Hallym Univ Hangang Sacred Heart Hosp, Internal Medicine, Seoul, KOREA, 2Hallym Univ Ganguam Sacred Heart Hosp, Internal Medicine, Seoul, KOREA, 3Hallym Univ Chunchun Sacred Heart Hosp, Internal Medicine, Chunchun-si, KOREA, 4Hallym Univ Gangdong Sacred Heart Hosp, Internal Medicine, Seoul, KOREA, 5Hallym Univ Sacred Heart Hosp, Internal Medicine, Anyang-si, KOREA.

SP604
ABNORMALITIES OF SEXUAL FUNCTIONS IN PATIENTS ON MAINTENANCE HEMODIALYSIS
Denis Georges Teuwafeu1, Gloria Ashuntantang2, Maimouna Mahama3, Jean-Yves Balepna4, 1Buea Regional Hosp, Nephrology and Dialysis, Buea, CAMEROON, 2Yaounde Regional Hosp, Nephrology and Dialysis, Yaounde, CAMEROON, 3General Hosp Yaounde, Nephrology and Dialysis, Yaounde, CAMEROON, 4Laquintinie Hosp Douala, Nephrology and Dialysis, Douala, CAMEROON.

SP605
GENDER DIFFERENCES IN TREATMENT PATTERNS AMONG PREVALENT HEMODIALYSIS PATIENTS: A CROSS-SECTIONAL STUDY
Boris Bikbov1,2, Natalia Tomilina2,1, 1AI. Evdokimov Moscow State Univ Medicine and Dentistry, Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2Academician V.I. Shumakov Federal Research Center Transplantology and Artificial Organs, Dept Nephrology Issues Transplanted Kidney, Moscow, RUSSIAN FEDERATION.

SP606
MORTALITY PATTERNS AMONG INCIDENT HEMODIALYSIS DIABETIC PATIENTS: A COHORT STUDY
Boris Bikbov1,2, Natalia Tomilina2,1, 1AI. Evdokimov Moscow State Univ Medicine and Dentistry, Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2Academician V.I. Shumakov Federal Research Center Transplantology and Artificial Organs, Dept Nephrology Issues Transplanted Kidney, Moscow, RUSSIAN FEDERATION.

SP607
THE PREVALENCE AND CORRELATES OF SEXUAL DYSFUNCTION IN WOMEN ON HEMODIALYSIS: A MULTINATIONAL, CROSS-SECTIONAL STUDY
Valeria Saglimben1, Suetonia Palmer2, Patrizia Natale1, Marco Scardapane3, Marinella Ruospo1,4, Jonathan Craig5, Letizia Gargano1, Giuseppe Luciano3, Marietta Torokl, Eduardo Celai1, Ruben Gelfman1, Anna Bedarek Skublewski1, Jan Dulawa1, Paul Stroumsza1, Michel Laplante2, Staffan Schoen3, Charlotte Wollheim1, Jorgen Hegbrant1, Giovanni Strippoli1,6,5,7, 1Diaverum Medical Scientific Office, Scientific Affairs, Lund, SWEDEN, 2Univ Otago Christchurch, Dept Medicine, Christchurch, NEW ZEALAND, 3Center Outcomes, Research and Clinical Epidemiology, Pescara, ITALY, 4Amedeo Avogadro Univ Eastern Piedmont, Div Nephrology and Transplantation, Novara, ITALY, 5Univ Sydney, Sydney School Public Health, Sydney, AUSTRALIA, 6Univ Bari, Dept Emergency and Organ Transplantation, Bari, ITALY, 7Diaverum Academy, Diaverum Academy, Bari, ITALY.

SP608
LEFT VENTRICULAR MASS IS A POWERFUL PROGNOSTIC FACTOR FOR ALL-CAUSE MORTALITY IN END STAGE KIDNEY DISEASE PATIENTS: A COMBINED ANALYSIS OF TWO EUROPEAN COHORTS
Giovanni Tripepi1, Bruno Pannier2, Gerard London2, Carmine Zoccali1, Francesca Mallamaci1, 1CNR, CNR-IFC, Reggio Calabria, ITALY, 2Manhes Hosp, Nephrology Dept, Fleury-Mérogis Cedex, FRANCE, 3CNR & Riuniti Hosp, CNR-IFC & Nephrol Dial Transplant Unit, Reggio Calabria, ITALY.
SP609
BIOLOGICAL EFFECTS OF POLY METHYL METHACRYLATE (PMMA) MEMBRANE ON SERUM LEVELS OF SOLUBLE CD40-LIGAND, A MIDDLE MOLECULE INVOLVED IN ATHEROGENIC INFLAMMATION AND CARDIOVASCULAR MORTALITY OF HEMODIALYSIS PATIENTS
Vincenzo Cantaluppi1, Davide Medica2, Massimiliano Migliori3, Marita Marengó4, Davide Diena2, Luigi Biancone2, Marco Formica4, Vincenzo Panichi3, 1Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 2Univ Torino, Medical Sciences, Torino, ITALY, 3Versilia Hosp, Nephrology and Dialysis, Camaiore (LU), ITALY, 4ASLCN1, Nephrology and Dialysis, Cuneo, ITALY.

SP610
SEASONAL TRENDS OF INFLAMMATORY MARKERS: DOES THE HEMODIALYSIS ACCESS PLAY A ROLE?
Schantel Williams1, Jochen G. Raimann1, Yuedong Wang2, Len Usvyat3, Peter Kotanko1,4, Frank Maddux5, 1Renal Research Inst, Research, New York, NY, 2Univ California, Dept Statistics and Applied Probability, Santa Barbara, CA, 3Fresenius Medical Care North America, Integrated Care Analytics, Waltham, MA, 4Icahn School Medicine, Nephrology, New York, NY, 5Fresenius Medical Care North America, Medical Office, Waltham, MA.

SP611
RELATIONSHIP BETWEEN MALNUTRITION, INFLAMMATION AND SLEEP QUALITY IN HEMODIALYSIS PATIENTS
Jasna B. Trbojevic-Stankovic1,2, Zoran Marjanovic3, Snezana Pesic4, Branislav Andric5, Edvin Hadzibului6, Natasa Filipovic1, Fatmir Birdjozic6, Verica Djordjevic3, 1Univ Hosp Dr Dragisa Misovic, Hemodialysis, Belgrade, SERBIA, 2School Medicine, Univ Belgrade, Belgrade, SERBIA, 3General Hosp Stefan Visoki

SP612
EFFECT OF A PROTEIN-RICH MEAL INTAKE DURING HEMODIALYSIS TREATMENT
Cristina Garagarza1, Jorge Silva2, Ana Valente1, Jorge Antunes3, Cristina Caetano4, 1Nephrocare, Nutrition, Lisbon, PORTUGAL, 2Nephrocare, Nephrology, Grândola, PORTUGAL, 3Nephrocare, Nursing, Grândola, PORTUGAL, 4Nephrocare, Nutrition, Grândola, PORTUGAL.

SP613
SERUM ASYMMETRIC DIMETHYLARGININE IS RELATED TO HEMODIALYSIS MORTALITY IN NON DIABETIC INDIVIDUALS
Mauro S. M. Marrocos1, Andrei A. Teixeira1, Beata M. R. Quinto1, Silmara d. M. Carmona1, Mariana Kuniyoshi1, Patricia T. Monteagudo2, Sylvia Manfredi1, Maria E. Canzianii1, Marcelo C. Battista1,3,4, 1Univ Federal São Paulo, Nephrology, São Paulo, BRAZIL, 2Univ Federal São Paulo, Endocrinology, São Paulo, BRAZIL, 3Hosp Israelita Albert Einstein, Nephrology, São Paulo, BRAZIL, 4New England Medical Center, Tufts Univ, Nephrology, Boston, MA.

SP614
ANNUAL VARIATION OF GERIATRIC NUTRITIONAL RISK INDEX IS AN ACCURATE PROGNOSTIC FACTOR IN DIALYSIS PATIENT
Koaru Yasuda1, Hiroshi Takahashi2, Shoichi Maruyama3, Chikao Yamazaki1, Kunio Morozumi1, 1Masuko Memorial Hosp, Nephrology, Nagoya, JAPAN, 2Fujita Health Univ, Nephrology, Toyoake, JAPAN, 3Nagoya Univ, Nephrology, Nagoya, JAPAN.

SP615
INFLAMMATORY AND OXIDATIVE STRESS MARKERS IN CHRONIC HEMODIALYSIS PATIENTS WITH PERMANENT SUBCUTANEOUS CATHETER. EFFECT OF PARICALCITOL AND ATORVASTATIN COMBINED TREATMENT. NCT 1820767. EUDRACT 2011-000249-18.
R. Mouzo1, V. Lombardi2, J.C. Diez Baylon3, H.R. Avellaneda1, F. Simali1, J. Paniagua1, B. Leon4, M. Prieto4, 1Hosp El Bierzo, Nephrology, Ponferrada, SPAIN, 2CODEBIO, Lab, A Coruña, SPAIN, 3PONFEDIAL, Hemodialysis, Ponferrada, SPAIN, 4Hosp Leon, Nephrology, Leon, SPAIN.

SP616
CARDIOVASCULAR STRATIFICATION BY PLASMA SCLEROSTIN IN DIALYSIS PATIENTS
Kyubok Jin1, Yae Rim Kim1, Seong Sik Kang1, Woo Yeong Park1, Seung Yeu Han1, Sung Bae Park1, Si Hyung Park2, Yang-Wook Kim2, Jeong soo Yoon3, 1Keimyung Univ School Medicine, Internal Medicine, Daegu, KOREA, 2Univ Bae Park1, Si Hyung Park2, 3Yoon’s internal medicine clinic, Internal Medicine, Busan, KOREA.
SP617
OXIDIZED HDL INFLUENCES PREDICTIVE ABILITY OF APOLIPOPROTEIN A2 TO CVD EVENTS IN HEMODIALYSIS PATIENTS
Hirokazu Honda1, Tsutomu Hirano2, Masashi Ueda3, Shinichi Mashiba3, Yasuyuki Hayase3, Tetsuo Michihata4, Kanji Shishido5, Takunori Shibata6, 1Showa Univ Koto Toyosu Hosp, Div Nephrology, Dept Medicine, Tokyo, JAPAN, 2Showa Univ, School Medicine, Div Diabetes, Metabolism, and Endocrinology, Dept Medicine, Tokyo, JAPAN, 3Kagaku, Research Development, Kyoto, JAPAN, 4Bara Clinic, Dept Dialysis, Tokyo, JAPAN, 5Kawasaki Clinic, Dept Dialysis, Kawasaki, JAPAN, 6Showa Univ, School Medicine, Div Nephrology, Dept Medicine, Tokyo, JAPAN.

SP618
NEW INSIGHTS INTO OXIDATIVE STRESS PARAMETERS IN HEMODIALYSIS PATIENTS
Marina Ratkovic1, Nikolina Basic Jukic2, Branka Gledovic1, Danilo Radunovic1, Vladimir Prelevic1, Najdana Gligorovic Barhanovic3, Nebojsa Bulatovic4, 1Clinical Center Montenegro, Nephrology and Hemodialysis Dept, Podgorica, MONTENEGRO, 2Clinical Hosp Center Zagreb, Nephrology, Arterial Hypertension, Dialysis and Transplantation Dept, Zagreb, CROATIA, 3Clinical Center Montenegro, Biochemistry Dept, Podgorica, MONTENEGRO, 4Clinical Center Montenegro, Cardiology Dept, Podgorica, MONTENEGRO.

SP619
THE EFFECT OF L-CARNITINE ADMINISTRATION ON MORTALITY OF HEMODIALYSIS PATIENTS
Masaki Aono, Yuzuru Sato, Sato Junkanki Hosp, Internal Medicine, Matsuyama, JAPAN.

SP620
ANTIOXIDANT AND ANTIINFLAMMATORY STRATEGIES TO PREVENT ENDOTHELIAL DYSFUNCTION IN CHRONIC KIDNEY DISEASE: THE ROLE OF N-ACETYL CYSTEINE
Aleix Cases1, Manel Veral1, Marta Palomo2,3, Susana Martin-Rodriguez2, Josep Maria Cruzado4, Gines Escolar2, Maribel Diaz-Ricart2, 1Hospital Clinic, Nephrology Unit, Barcelona, SPAIN, 2Hospital Clinic, Nephrology Unit, Barcelona, SPAIN, 3Hospital Clinic, Nephrology Unit, Barcelona, SPAIN, 4Diaverum, Inst Nephrology, Hosp Ramon y Cajal, Madrid, SPAIN.

SP621
POOR PROGNOSIS LINKED TO REDUCED MUSCLE MASS IN HEMODIALYSIS PATIENTS IS MAINLY CONFINED TO ELDERLY MEN
Naohito Isoyama1, Zenzo Fujii2, Bengt Lindholm3, Kimihiko Nakamura1, Koki Fujikawa1, Koichi Uchiyama1, Hideyasu Matsuyama1, 1Graduate School Medicine Yamaguchi Univ, Urology, Yamaguchi, JAPAN, 2St. Hill Hosp, Nephrology, Yamaguchi, JAPAN, 3Karolinska Hosp, Dept Nephrology and Dialysis, Stockholm, SWEDEN.

SP622
LOW VITAMIN D AS A MODIFYING FACTOR IN THE RELATIONSHIP BETWEEN OBESITY AND VASCULAR CALCIFICATION IN HEMODIALYSIS PATIENTS
Jwa-Kyung Kim1, Young Su Kim2, Young Rim Song2, Sung Gyun Kim2, Hyung Jik Kim2, 1Hallym Univ, Internal Medicine, Anyang, KOREA, 2Hallym Univ, Internal Medicine, Anyang, KOREA.

SP623
HIGH VOLUME ONLINE HEMODIAFILTRATION IS NOT ASSOCIATED WITH MALNUTRITION
Nicolás Macías, Almudena Vega, Alba Santos, Soraya Abad, Isabel Galan, Juan M. López Gómez, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

SP624
RELATIONSHIP BETWEEN PLASMA LEVELS OF ZOLULIN, BACTERIAL LIPOPOLYSACCHARIDES AND D-LACTATE AND MARKERS OF INFLAMMATION IN HEMODIALYSIS PATIENTS WITH CHRONIC KIDNEY DISEASE
Joanna Ficek1, Katarzyna Wyska1, Jarosław Wajda2, Dariusz Klein3, Joanna Witkowicz4, Rafał. Ficek5, Sylwia Rotkegel6, Urszula Śpiechowic7, Joanna Kokemba Dycezk8, Jarosław Ciepał9, Magdalena Obszanka-Glinianowic1, Andrzej Więcek1, Jerzy Chudek10, 1Medical Univ Silesia Katowice, Dept Pathophysiology, Katowice, POLAND, 2Regional Specialist Hosp No. 3 Rybnik, Dialysis Center Rybnik, Rybnik, POLAND, 3Centrum Dializa Sosnowiec, Dialysis Center Tychy and Dialysis Center Pszczyna, Sosnowiec, POLAND, 4Nefrology, Dialysis Center Siaskie, Sosnowiec, POLAND, 5Medical Univ Silesia Katowice, Dept Pathophysiology, Katowice, POLAND, 6Centrum Dializa Sosnowiec, Dialysis Center Sosnowiec, Katowice, POLAND, 7Centrum Dializa Sosnowiec, Dialysis Center Chorzów, Chorzów, POLAND, 8Centrum Dializa Sosnowiec, Dialysis Center Zory and Wodzisław Śląski, Zory, POLAND, 9Centrum Dializa Sosnowiec, Dialysis Center Sosnowiec, Sosnowiec, POLAND, 10Medical Univ Silesia Katowice, Dept Pathophysiology, Katowice, POLAND.

SP625
ANTIOXIDATIVE EFFECTS OF PREDILUTION ON-LINE HAEMODIAFILTRATION (OLHDF)
Akira Fujimori1, Toru Maruyama2, Yukiko Matsubara3, Shioko Okada1, Shoko Ikeda1, Hiroshi Watanabe2, Tadashi Imafuku2, Makoto Saka4, Noriko Mizobuchi4, 1Koike Hosp, Blood Purification and Kidney Center, Kobe, JAPAN, 2University of Osaka, Dept Biopharmaceutics, Umeda, JAPAN, 3Konan Hosp, Dept Dialysis, Kobe, JAPAN, 4Koike Hosp, Blood Purification and Kidney Center, Kobe, JAPAN.
Posters

SP626
EFFECT OF DIALYSATE CALCIUM CONCENTRATION (DCA) ON PHASE ANGLE (PA), AS ASSESSED BY BIO-ELECTRICAL IMPEDANCE ANALYSIS (BIA), IN HEMODIALYSIS (HD) AND PERITONEAL DIALYSIS (PD) PATIENTS
Periklis Kyriazis1, Anastasia Markaki2, Athanasios Rizos3, Georgios Fragkiadakis2, Marieta Pateinioti4, Stamatiia Skoulikid4, Kostas Stylianou5, John Kyriazis3, 1Transplant Inst, Beth Israel Deaconess Medical Center, Medicine, Boston, MA, 2Technological Educational Inst Crete, Dept Nutrition and Dietetics, Sitia, GREECE, 3General Hosp Chios, Nephrology, Chios, GREECE, 4General Hosp Chios, Internal Medicine, Chios, GREECE, 5Univ Hosp Heraklion, Crete, Nephrology, Heraklion, GREECE.

SP627
PREDICTORS TO AFFECT PHYSICAL PERFORMANCE IN RELATIVELY HEALTHY HEMODIALYSIS PATIENTS
Jun Chul Kim1, Sukyung Lee2, Kisoo Park3, So-Young Lee4, 1CHA Gumi Medical Center, CHA Univ, Dept Internal Medicine, Gumi-si, KOREA, 2Kyungpook National Univ School Medicine, Dept Internal Medicine, Daegu, KOREA, 3School Medicine Gyeongsang National Univ, Dept Preventive Medicine, Jinju-si, KOREA, 4Bundang CHA Medical Center, CHA Univ, Dept Internal Medicine, Seongnam, KOREA.

SP628
BENEFITS OF VITAMIN E-COATED VERSUS CONVENTIONAL MEMBRANES IN CHRONIC HAEMODIALYSIS PATIENTS: A SYSTEMATIC REVIEW & META-ANALYSIS
Rossella Baggetta1, Graziella D’Arrigo1, Francesco Galli2, Giovanni Tripepi1, Davide Bolignano1, 1CNR-IFC, Inst Clinical Physiology, Reggio Calabria, ITALY, 2Univ Perugia, Dept Pharmaceutical Sciences, Perugia, ITALY.

SP629
LEAN TISSUE INDEX IS A BETTER RISK MARKER THAN FAT TISSUE INDEX IN HAEMODIALYSIS PATIENTS
Sandra Castellano-Gasch1, Javier Varas2, Rosa Ramos2, Jose Ignacio Merello2, 1Fresenius Medical Care Spain, Medical Dept, Madrid, SPAIN, 2FMC Spain, Medical Dept, Madrid, SPAIN.
RENEAL TRANSPLANTATION.
EXPERIMENTAL, IMMUNE-TOLERANCE OF ALLOGENIC
AND XENOGENIC TRANSPLANTS

SP630
THE NATURAL HISTORY OF KIDNEY GRAFT CORTICAL MICROcircULATION DETERMINED BY REAL-TIME CONTRAST-ENHANCED SONOGRAPHY (RT-CES)
Marta Ferreira1, Carlos Jimenez1, Maria O. Lopez1, Laura Alvarez1, David Menendez1, Maria Fernández1, Maria Jose Santana1, Rosario Madero2, Rafael Selgas1, 1Hosp Univ La Paz, Dept Nephrology, Madrid, SPAIN, 2Hosp Univ La Paz, Dept Bioestatistics, Madrid, SPAIN.

SP631
T HELPER 17 CELLS PLAY ROLE IN CHRONIC ACTIVE ANTIBODY MEDIATED REJECTION IN RENAL ALLOGRAFT RECIPIENTS
Narayan Prasad1, Brijesh Yadav1, Vikas Agarwal2, Vinita Agarwal3, Raj Sharma1, Sanjay Gandhi Post Graduate Inst Medical Sciences Lucknow, Nephrology, Lucknow, INDIA, 2Sanjay Gandhi Post Graduate Inst Medical Sciences Lucknow, Clinical Immunology, Lucknow, INDIA, 3Sanjay Gandhi Post Graduate Inst Medical Sciences Lucknow, Pathology, Lucknow, INDIA.

SP632
CD3+CD8+GRANZYMEB+ CYTOTOXIC LYMPHOCYTES PLAY ROLE IN CHRONIC ANTIBODY MEDIATED TRANSPLANT GLOMERULOPATHY
Narayan Prasad1, Brijesh Yadav1, Vikas Agarwal2, Manoj Jain3, Vinita Agarwal3, Sanjay Gandhi Post Graduate Inst Medical Sciences Lucknow, Nephrology, Lucknow, INDIA, 2Sanjay Gandhi Post Graduate Inst Medical Sciences Lucknow, Clinical Immunology, Lucknow, INDIA, 3Sanjay Gandhi Post Graduate Inst Medical Sciences Lucknow, Pathology, Lucknow, INDIA.

SP633
PROSPECTIVE LONG-TERM ANALYSIS OF B- AND PLASMA CELL SUBSETS IN RENAL TRANSPLANT PATIENTS AFTER TREATMENT WITH RITUXIMAB AND BORTEZOMIB IN ANTIBODY MEDIATED REJECTION
Michael Duerr, Fabian Halleck, Oliver Staek, Lukas J. Lehner, Eva Schrezenmeier, Johannes Waiser, Klemens Budde, Charité Universitätsmedizin Berlin, Nephrology, Berlin, GERMANY.

SP634
THE COMPLEMENT SYSTEM AND MAPK SIGNALING IN CALCINEURIN-INHIBITOR INDUCED NEPHROTOXICITY
Beatrix Löschenberger1, Lea Niess1, Iris E. Eder2, Reinhard Würzner3, Hannes Neuwirt1, 1Medical Univ Innsbruck, Dept Internal Medicine IV, Innsbruck, AUSTRIA, 2Medical Univ Innsbruck, Dept Experimental Urology, Innsbruck, AUSTRIA, 3Medical Univ Innsbruck, Div Hygiene and Medical Microbiology, Innsbruck, AUSTRIA.

SP635
EARLY VS. LATE ACUTE ANTIBODY MEDIATED REJECTION AMONG RENAL TRANSPLANT RECIPIENTS IN TERMS OF ITS RESPONSE TO RITUXIMAB THERAPY-SINGLE CENTER EXPERIENCE
Osama Gheith, Torki Alotaibi, Naryanan Nampoory, Medhat A Halim, Tarek Mahmoud, Prasad Nair, Mohamed Abdul-moneim, Salah Al-Waheeb, Rashad Hassan, OTC, Nephrology, Kuwait, KUWAIT.

SP636
ROLE OF TCELL SUBSETS AND IL17A SIGNALING IN ISCHEMIA PERIREFUSION INJURY AND DELAYED GRAFT FUNCTION IN MICE
Anja Thorenz1, Song Rong1, Nicole Voelker1, Rongjun Chen1, Jan Hinrich Braesen2, Christian Klemann3, Faikah Gueлер1, 1Medical School Hannover, Nephrology, Hannover, GERMANY, 2Medical School Hannover, Pathology, Hannover, GERMANY, 3Medical School Hannover, Pediatric Surgery, Hannover, GERMANY.

SP637
THE EFFECTS OF COENZYME Q10 IN SIROLIMUS INDUCED PANCREATIC INJURY
In O Sun1, A Young Cho1, Sun Woo Lim2, Kwang Young Lee1, Chul Woo Yang2, 1Presbyterian Medical Center, Div Nephrology, Dept Internal Medicine, Jeonju, KOREA, 2Seoul St. Mary’s Hosp, Transplant Research Center, Seoul, KOREA.

SP638
FOLLICULAR T-HELPER-CELLS ARE EXPANDED IN RENAL TRANSPLANT PATIENTS WITH DONOR SPECIFIC ANTIBODIES
Julien Subburayalu1, Sebastian Dolf2, Ute Eisenberger1, Andreas Kribben1, Oliver Witzke2, Benjamin Wildel1, 1Univ Duisburg-Essen, Univ Hosp Essen, Dept Nephrology, Essen, GERMANY, 2Univ Duisburg-Essen, Univ Hosp Essen, Dept Infectious Diseases, Essen, GERMANY.
SUNDAY, MAY 22

Final Programme

Posters

SP639
INFLAMMATION AND MACROPHAGE INFILTRATION IN THE RENAL ALLOGRAFT
Iara Dasilva, Elena Guillén-Goméz, Irene Silva, Carme Facundo, Lluís Guirado, Jose Aurelio Ballarín, Montserrat Díaz-Encarnación, Fundació Puigvert, Nephrology, Barcelona, SPAIN.

SP640
NON MODIFIABLE AND POTENTIALLY MODIFIABLE FACTORS FOR THE DEVELOPMENT OF NEW ONSET DIABETES AFTER TRANSPLANTATION NODAT: A SINGLE CENTER EXPERIENCE OF 159 RENAL TRANSPLANTATIONS.
Imen Abdellaoui, Wissal Sahtout, Awatef Azzebi, Hajer Hafsa, Aicha Talmoudi, Abdelltif Achour, Sahloul Hosp, Nephrology, Transplantation and Dialysis, Sousse, TUNISIA.

SP641
NO HEART BEATING DONATION A VALID SOURCE OF ORGANS. 2 KIDNEY TRANSPLANT’S CENTERS EXPERIENCE
Raquel Castellano Carrasco1, Francisco M Gonzales Roncero2, Francisco Javier de Teresa Alguacil3, Yelene Martinez Echeverria2, Jose Manuel Osorio Moratalla3, Miguel Angel Gentil Govantes4, Marta Suñer Poblet2, Antonio Osuna Ortega3, Maria del Carmen de Gracia Guindo3, 1Hosp Univ Virgen de las Nieves, Nephrology, Granada, SPAIN, 2Hospital Virgen del Rocio, Nephrology, Sevilla, SPAIN, 3Hospital Virgen de las Nieves, Nephrology, Granada, SPAIN, 4Hospital Virgen del Rocio, Nephrology, Granada, SPAIN.
RENAI AL T RAN'SPLANTATION. CLINICAL - 1

SP642
CANCER INCIDENCE AND PROGRESSION TO MORTALITY AMONG KIDNEY ALLOGRAFT RECIPIENTS IN ENGLAND: A POPULATION-COHORT ANALYSIS BETWEEN 2003 AND 2013
Francesca Jackson-Spence1, Holly Gillott1, Sanna Tahir1, Jay Nath2, Jemma Mytton3, Felicity Evison3, Adnan Sharif2, 1Univ Birmingham, Medical School, Birmingham, UK, 2Queen Elizabeth Hosp, Birmingham, Dept Nephrology and Transplantation, Birmingham, UK, 3Queen Elizabeth Hosp, Birmingham, Dept Medical Informatics, Birmingham, UK.

SP643
PROGNOSTIC USE OF C1Q FIXING ANTIBODIES AFTER KIDNEY TRANSPLANTATION
Pedro Ruiz-Esteban1, Miguel Gonzalez-Molina1, Abelardo Caballero2, Alberto Torio2, Miriam Leon3, Eulalia Palma1, Dolores Burgos1, Mercedes Cabello1, Veronica Lopez1, Manuel Angel Rodriguez4, Domingo Hernandez1, 1Regional Univ Hosp, IBIMA, Univ Malaga, Nephrology, Malaga, SPAIN, 2Regional Univ Hosp, IBIMA, Univ Malaga, Immunology, Malaga, SPAIN, 3Regional Univ Hosp, IBIMA, Univ Malaga, Pathology, Malaga, SPAIN, 4Torrecardenas Hosp, Nephrology, Almeria, SPAIN.

SP644
THE IMPACT OF CORONARY ANGIOGRAPHY ON RENAL TRANSPLANT FUNCTION
Jennifer S. Lees1, Mark Findlay1, Jonathan Clouston2, Colin Geddes1, 1NHS Greater Glasgow and Clyde, Dept Renal Medicine, Glasgow, UK, 2Univ Glasgow, Medical School, Glasgow, UK.

SP645
ASSOCIATION BETWEEN GFR DECLINE AND LONG TERM OUTCOME IN RENAL TRANSPLANTATION
Agnes Delay1, Olivier Moranne2, Nicolas Maillard1, Eric Alamartine1, Christophe Mariat1, 1CHU Saint Etienne, Nephrologie, Saint Priest en Jarez, FRANCE, 2CHRU Nîmes, Néphrologie, Nîmes, FRANCE.

SP646
BEST ABSTRACT ON GERIATIC NEPHROLOGY (see page 32)
FAVOURABLE LONG TERM OUTCOMES OF KIDNEY TRANSPLANTATION FROM SELECTED DONORS OLDER THAN 80 YEARS
Davide Diena1, Maria Messina1, Gabriella Guzzo1, Sergio Dellepiane1, Gianna Mazzucco2, Giuseppe Paolo Segoloni1, Fabrizio Fop1, Luigi Biancone1, 1Univ Turin, Renal Transplant Center A. Vercellone, Div Nephrology Dialysis and Transplantation, Turin, ITALY, 2Univ Turin, Div Pathology Transplantation, Dept Medical Sciences, Turin, ITALY.

SP647
Beatriz Mahillo1, Marina Alvarez2, Mar Carmona2, Marta Lopez-Fraga3, Beatriz Dominguez-Gil1, Rafael Matasanz4, 1Spanish National Transplant Organization, Medical Staff, Madrid, SPAIN, 2Spanish National Transplant Organization, Director’s Support Unit, Madrid, SPAIN, 3European Directorate Quality Medicines and HealthCare (EDQM), Council Europe, European Committee Organ Transplantation, Strasbourg, FRANCE, 4Spanish National Transplant Organization, Director, Madrid, SPAIN.

SP648
ASSOCIATION BETWEEN SERUM LEPTIN LEVEL AND MORTALITY IN KIDNEY TRANSPLANT RECIPIENTS
Miklos Z. Molnar1, Kristof Nagy2, Adam Rempert2, Abduzhappar Gaipov3, Tibor Fulep4, Maria E. Cziray5, Csaba P. Kovacs3, Istvan Mucsi6, Zoltan Mathe2, 1Univ Tennessee Health Science Center, Div Nephrology, Dept Medicine, Memphis, TN, 2Semmelweis Univ, Transplantation and Surgery, Budapest, HUNGARY, 3National Scientific Medical Research Center, Dept Extracorporeal Hemocorrection, Astana, KAZAKHSTAN, 4Univ Mississipi Medical Center, Medicine, Jackson, MS, 5Univ Muenster, Inst Epidemiology and Social Medicine, Muenster, GERMANY, 6Univ Health Network, Univ Toronto, Dept Medicine, Div Nephrology and Multiorgan Transplant Program, Toronto, ON, CANADA.

SP649
LONGITUDINAL ASSESSMENT OF ORAL GLUCOSE TOLERANCE TEST PARAMETERS FOR THE PREDICTION OF PANCREAS TRANSPLANT DYSFUNCTION
Pascaline Alix1, Fanny Buron2, Marie Brunet2, Olivier Thaunat2, Cécile Chauvet2, Christophe Soulage3, Fabien Subtil4, Lionel Badet2, Emmanuel Morelon2, Fights Guebre-Egziabher5, 1Hôp Edouard Herriot, Nephrology, Lyon, FRANCE, 2Hôp Edouard Herriot, Transplantation, Lyon, FRANCE, 3INSERM U1060/INSA, 4Centre Hosp Univ Grenoble Alpes, Nephrology, Grenoble, FRANCE.
SP650
GLOBAL PERFORMANCE STATUS SCORE: A NEW TOOL TO ASSESS PHYSICAL PERFORMANCE IN KIDNEY TRANSPLANTED PATIENTS
Pasquale Esposito1, Francesco Furini2, Lucia Petracci2, Teresa Rampino1, Catherine Klersy3, Elena Dalla Toffola2, Antonio Dal Canton1, 1Fondazione IRCCS Policlinico San Matteo, and Univ Pavia, Nephrology, Dialysis and Transplantation, Pavia, ITALY, 2Fondazione IRCCS Policlinico San Matteo, and Univ Pavia, Rehabilitation Unit, Pavia, ITALY, 3Fondazione IRCCS Policlinico San Matteo, and Univ Pavia, Service Biometry and Clinical Epidemiology, Scientific Direction, Pavia, ITALY.

SP651
CLINICAL IMPACT OF OVERHYDRATION AND FAT EXCESS IN RENAL ALLOGRAFT RECIPIENTS
Nayara Panizo1,2, Javier Reque1, David Arroyo1, Alba Santos1, Manuel Rengel1, Marisa Rodriguez1, Almudena Vega1, Soraya Abad1, J.Manuel López-Gómez1, 1HGU Gregorio Marañón, Nephrology, Madrid, SPAIN, 2B.Braun Avitum Nefrovall, S.L., Dialysis, Castellon de la Plana, SPAIN.

SP652
POSTTRANSPLANT HYPERURICEMIA AS A CARDIOVASCULAR RISK FACTOR: CORRELATION BETWEEN CARDIOVASCULAR RISK FACTORS
Siren Sezer1, Emre Tutal1, Zeynep Ball1, Mehtap Erkmen Uyar1, Mehmet Haberal2, 1Baskent Univ Fac Medicine, Nephrology, Ankara, TURKEY, 2Baskent Univ Fac Medicine, General Surgery, Ankara, TURKEY.

SP653
COMPARISON OF LOW DOSE AND VERY LOW DOSE EXTENDED-RELEASE TACROLIMUS / MMF IN DE NOVO KIDNEY TRANSPLANT RECIPIENTS
SHUNJI NARUMII, Yoshihiko Watarai1, Norihiko Got1, Takahisa Hiratsm1, Takayuki Yamamot1, Makoto Tsujita1, Manabu Okada1, Kenta Futamura1, Takaaki Kobayashi2, 1Nagoya Daini Uni School Medicine, Renal Transplant Surgery, Showa-ku, NAGOYA CITY, JAPAN, 2Aichi Medical Univ Fac Medicine, General Surgery, Nagakute, JAPAN.

SP654
PREDICTING PATIENT SURVIVAL AT TIME OF KIDNEY TRANSPLANTATION
Oliver Staeck, Dmytro Khadzhynov, Anna Kleinsteuber, Lukas Lehner, Michael Duerr, Klemens Budde, Fabian Halleck, Charité Universitätsmedizin, Nephrology, Berlin, GERMANY.

SP655
ASSOCIATION OF ABDOMINAL CIRCUMFERENCE AND INFLAMMATION IN KIDNEY TRANSPLANT RECIPIENTS
Kristof Nagyi1, Akos Ujjaszsi2, Adam Rempork1, Csaba P. Kovéssy3, Istvan Muci5, Miklos Z. Molnar3, Zoltan Mathe1, 1Semmelweis Egyetem, Dept Transplantation and Surgery, Budapest, HUNGARY, 2Semmelweis Univ, Dept Pathophysiology, Budapest, HUNGARY, 3Univ Tennessee Health Science Center, Div Nephrology, Memphis, TN, 4Memphis Veterans Affairs Medical Center, Nephrology Section, Memphis, TN, 5Univ Health Network, Univ Toronto, Div Nephrology and Multorgan Transplant Program, Toronto, ON, CANADA.

SP656
LONG−TERM OUTCOME OF RANDOMIZED TRIAL COMPARING CYCLOSPORINE AND TACROLIMUS THERAPY WITH STEROID WITHDRAWAL IN LIVING−DONOR RENAL TRANSPLANTATION: 10−YEAR FOLLOW UP
Jin Hae Kim, Do Hee Kim, Jei Eun Park, Hye Ryoun Jang, Jung Eun Lee, Da Eeong Kim, Yoon Goo Kim, Ha Young Oh, Wooseong Huh, Samsung Medical Center, Div Nephrology, Dept Medicine, Seoul, KOREA.

SP657
EXTRACORPOREAL PHOTOPENESIS AS INDUCTOR OF PARTIAL IMMUNOLOGICAL TOLERANCE IN RENAL TRANSPLANTATION
Aleksey Zulkarnaeve, Andrey Vatazim, Vadim Stepanov, M.F Vladimirsky Moscow Regional Research Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

SP658
INFLUENCE OF PRETRANSPLANT CLASS I AND II NON-DONOR-SPECIFIC ANTI-HLA IMMUNIZATION ON IMMUNOLOGIC OUTCOME AND GRAFT SURVIVAL IN KIDNEY TRANSPLANT RECIPIENTS
Anja Staeck1, Dmytro Khadzhynov1, Nils Lachmann2, Anna Kleinsteuber1, Lukas Lehner1, Michael Duerr1, Klemens Budde1, Fabian Halleck1, Oliver Staeck1, Charité Universitätsmedizin, Nephrology, Berlin, GERMANY, 2Charité Universitätsmedizin, Transfusion Medicine, Berlin, GERMANY.

SP659
DIFFUSE EXTENT OF PERITUBULAR CAPILLARITIS IN LATE ANTIBODY MEDIATED REJECTION IS ASSOCIATED WITH MORE SEVERE CHRONIC ALLOGRAFT DAMAGE
Zeljko Kikici, Farsad Eskandary1, Harald Hrkner2, Rainer Oberbauer1, Gregor Bond1, Heinz Regele3, Georg Bohmg1, Nicolas Kozakowski3, 1Medical Univ Vienna, Nephrology and Dialysis, Vienna, AUSTRIA, 2Medical Univ Vienna, Emergency Medicine, Vienna, AUSTRIA, 3Medical Univ Vienna, Inst Clinical Pathology, Vienna, AUSTRIA.
SP660

ANALYSIS OF PROTEINS SECRETED INTO DONOR KIDNEY PERFUSION FLUID FOR THE PREDICTION OF DELAYED GRAFT FUNCTION

Bas W. M. van Balkom1,2, Hendrik Gremmels1,2, Raechel J. Toorop3, Liselotte S. S. Ooms4, Frank J. M. Dor4,5, Olivier G. de Jong1, Laura A. Michielsen1, Yu-Xuan Chen1, Gert Jan de Bors3, Wilco de Jager6, Arjan D. van Zuilen1, Marianne C. Verhaar1,2, 1UMC Utrecht, Nephrology and Hypertension, Utrecht, NETHERLANDS, 2UMC Utrecht, Vascular Surgery, Utrecht, NETHERLANDS, 3Erasmus Medical Center, Transplantation Surgery, Rotterdam, NETHERLANDS, 5Imperial College Healthcare NHS Trust, Directorate Renal and Transplant Services, London, UK, 6UMC Utrecht, Lab Translational Immunology, Utrecht, NETHERLANDS.

SP661

ASSOCIATION BETWEEN TACROLIMUS LEVELS AND ANTIBODY-MEDIATED REJECTION AFTER KIDNEY TRANSPLANTATION

Pedro Ruiz-Esteban1, Miguel Gonzalez-Molina1, Abelardo Caballero2, Eulalia Palma1, Dolores Burgos1, Mercedes Cabello1, Juana Alonso-Titos1, Ana Duarte1, Domingo Hernandez1, 1Regional Univ Hosp, IBIMA, Univ Malaga, Nephrology, Malaga, SPAIN, 2Regional Univ Hosp, IBIMA, Univ Malaga, Immunology, Malaga, SPAIN.

SP662

CANCER-RELATED OUTCOMES IN KIDNEY ALLOGRAFT RECIPIENTS IN ENGLAND VERSUS NEW YORK STATE: A COMPARATIVE POPULATION-COHORT ANALYSIS BETWEEN 2003 AND 2013

Francesca Jackson-Spence1, Holly Gillott1, Sanna Tahiri1, Jay Nath2, Jemma Mytton3, Adnan Sharif2, 1Univ Birmingham, Medical School, Birmingham, UK, 2Queen Elizabeth Hosp, Birmingham, Dept Nephrology and Transplantation, Birmingham, UK, 3Queen Elizabeth Hosp, Birmingham, Dept Medical Informatics, Birmingham, UK.

SP663

77 KIDNEY EXCHANGE TRANSPLANTS IN 2015 AT ONE TRANSPLANT CENTER IN INDIA: A MODEL FOR THE DEVELOPING WORLD TO PREVENT COMMERCIAL TRANSPLANTATION

Vivek Kute1, HV Patell1, PR Shah1, AV Varikar2, PR Modi3, VR Shah4, UV Varyani1, PS Wakhare1, SG Shinde1, VA Godhela1, PS Shah1, VB Trivedi2, HL Trivedi1, 1IKDRCITS, Nephrology, Ahmedabad, INDIA, 2IKDRCITS, Pathology, Ahmedabad, INDIA, 3IKDRCITS, Urology And Transplantation, Ahmedabad, INDIA, 4IKDRCITS, Anasthesia, Ahmedabad, INDIA.

SP664

SEQUENTIAL CHANGES IN CCR1 AND CXCR3 EXPRESSION ON CD4+ AND CD8+ T CELLS FOLLOWING KIDNEY TRANSPLANTATION

Farshad Foroughi1, Aliakbar Amirzargar1, Pedram Ahmadpoor2, Mir Saeed Yekaninejad3, Morteza Hosseinzadeh1, 1Tehran Univ Medical Science, Immunology, Tehran, IRAN, 2Shahid Labbafinejad Medical Center and Shahid Beheshti Univ Medical Sciences, Nephrology, Tehran, IRAN, 3Tehran Univ Medical Science, Epidemiology and Biostatistics, Tehran, IRAN.

SP665

RECOVERY OF RENAL FUNCTION IN LIVER TRANSPLANT ALONE VERSUS COMBINED LIVER KIDNEY TRANSPLANTATION: ANALYSIS FROM THE NHSBT UK REGISTRY

Francesca Tinti1,2, Anna Paola Mitterhofer1, James Hodson2, James Ferguson2, Ilaria Umbro1,2, Paolo Muiesan2, Thamar Perera2, 1Sapienza Univ, Clinical Medicine, Nephrology and Dialysis, Rome, ITALY, 2Liver Unit, Univ Transplant Center, Queen Elizabeth Hosp, Birmingham, UK.

SP666

WHAT IS THE BENEFIT OF RENAL TRANSPLANTATION FOR A COHORT OF PATIENTS AGED 70 YEARS AND OLDER STARTING A RENAL REPLACEMENT THERAPY?

Roland Andrianasolo1, Camille Legeai1, Olivier Moranne2, Renaud Snaoujd3, Maryvonne Hourmant4, Christian Jacquelin1, Evelyne Couchoud1, Marie-Alice Macher1, 1Agence Biomédecine, Direction Générale Médicale et Scientifique, Saint-Denis La Plaine, FRANCE, 2Nimes Univ Hosp, Dept Nephrology, Nimes, FRANCE, 3Necker Univ Hosp, 75, Paris, FRANCE, 4Hotel Dieu-Nantes Univ Hosp, Dept Nephrology, Nantes, FRANCE.

SP667

POST-TRANSPLANT SURVIVAL OF KIDNEY TRANSPLANT RECIPIENTS IS SIGNIFICANTLY IMPAIRED BY PRE-TRANSPLANT CORONARY ARTERY DISEASE

Dmytro Khadzhynov, Fabian Halleck, Lukas Lehner, Michael Duerr, Anna Kleinsteuber, Klemens Budde, Oliver Staeck, Charite Universitaetsmedizin, Nephrology, Berlin, GERMANY.

SP668

URINARY TIMP-2 AND IGFBP7 PREDICT DELAYED GRAFT FUNCTION IN PATIENTS AFTER KIDNEY TRANSPLANTATION

Jihyun Yang1, Young Ju Na1, Sung Yoon Lim1, Myung-gyu Kim1, Heungman Jun2, Cheol-Woong Jung2, Sang-Kyung Jo1, Won-Tong Choi1, 1Korea Univ Anam Hosp, Nephrology, Seoul, KOREA, 2Korea Univ Anam Hosp, Transplantation and Vascular Surgery, Seoul, KOREA.
SP669

SERUM UROMODULIN PREDICTS GRAFT FAILURE IN RENAL TRANSPLANT RECIPIENTS
Dominik Steubl1, Marcel Roos1, Matthias Block2, Victor Herbst2, Wolfgang A. Nockher3, Wolfgang Schlumberger2, Susanne Angermann1, Uwe Heemann1, Lutz Renders1, Jürgen Scherberich4, 1Klinikum rechts der Isar TU München, Dept Nephrology, Munich, GERMANY, 2Euroimmun Medizinische Labordiagnostika AG, Research&Development, Lübeck, GERMANY, 3Universitätsklinikum Marburg, Inst Laboratoriumsmedizin, Marburg, GERMANY, 4Klinikum München-Harbaching, Dept Nephrology, Munich, GERMANY.

SP670

CONTROLLED CARDIAC DEATH DONOR (CDCD) STRATEGY FOR KIDNEY TRANSPLANTATION. SPANISH MULTICENTER EXPERIENCE AFTER TWO YEARS OF FOLLOW-UP. SENTRA-GEODAS-GROUP
J Portoles1,2,3, MJ Perez-Saez4, O Lafuente5, D Hernandez-Marrero6, F Diekmann7, B Sanchez-Sobrin01, N Maruri8, F Lamas9, MA Mazuecos10, J Juega11, A Manonelles12, A Rodriguez-Benot13, A Alonso14, ML Rodriguez-Ferrer015, A Ramos16, J Pascual14, 1H U Puerta de Hierro, Nephrology, Majadahonda, SPAIN, 2RedinRen ISCIII 06/16 y 13/29, Nephrology, Madrid, SPAIN, 3GEODAS-SENTRA, Nephrology, Madrid, SPAIN, 4H del Mar, Nephrology, Barcelona, SPAIN, 5H U Infanta Cristina, Nephrology, Parla, SPAIN, 6H Regional Malaga, Nephrology, Malaga, SPAIN, 7H Clinic, Nephrology, Barcelona, SPAIN, 8H U Cruces, Nephrology, Barakaldo, SPAIN, 9H G U Albacete, Nephrology, Albacete, SPAIN, 10H Puerta del Mar, Nephrology, Cadiz, SPAIN, 11H German Trias i Pujol, Nephrology, Badalona, SPAIN, 12H Bellvitge, Nephrology, Barcelona, SPAIN, 13H Reina Sofia, Nephrology, Cordoba, SPAIN, 14H U A Coruña, Nephrology, A Coruña, SPAIN, 15H U Gregorio Marañon, Nephrology, Madrid, SPAIN, 16F Jimenez Diaz, Nephrology, Madrid, SPAIN.

SP671

CALCINEURIN INHIBITION WITHOUT THERAPEUTIC DRUG MONITORING?
Robert Huizinga1, Neil Solomons1, Mark Abel2, 1Aurinia Pharmaceuticals, Clinical Affairs, Victoria, BC, CANADA, 2Aurinia Pharmaceuticals, Chemistry, Edmonton, AB, CANADA.

SP672

PHOSPHATE METABOLISM IN KIDNEY DONORS A CROSS-SECTIONAL STUDY
Jayakumar Edathedathe Krishnan, Govt. Medical College Kozhikode, Nephrology, Kozhikode, INDIA.

SP673

RENAI TRANSPLANT ISCHEMIA-REPERFUSION INJURY CORRECTION WITH CYTOKINES ADSORPTION. EARLY AND LONG-TERM RESULTS
Alexey Zulkarnaev, Andrey Vatazn, Vadim Stepanov, M.F Vladimirsky Moscow Regional Research Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

SP674

ANTI-HLA ANTIBODY-INDUCED REJECTION IN ABO-INCOMPATIBLE KIDNEY TRANSPLANT PATIENTS.
Jin M. Kong1, Chul S. Yoon2, Joon H. Jeong3, Eun J. Whang4, Byung C. Kim5, 1Hanseo Hospital, Nephrology, Busan, KOREA, 2Hanseo Hosp, Urology, Busan, COREA, 3Hanseo Hosp, Surgery, Busan, COREA, 4Hanseo Hosp, Lab Medicine, Busan, COREA, 5Maryknoll Hosp, Lab Medicine, Busan, COREA.

SP675

ASSOCIATION BETWEEN LOW SERUM MAGNESIUM LEVELS AND THE EXTENT OF ABDOMINAL AORTIC CALCIFICATION IN RENAL TRANSPLANT PATIENTS
Carlo Massimetti1, Paolo Cardello2, Franco Brescia2, Gea Imperato1, Sandro Feriozzi1, 1Osp Belcolle, Nefrologia e Dialisi, Viterbo, ITALY, 2Osp Belcolle, Radiologia, Viterbo, ITALY.

SP676

IMPACT OF PRE-EXISTING CHRONIC HEART FAILURE ON PATIENT SURVIVAL, GRAFT FUNCTION AND IMMUNOLOGIC OUTCOME IN KIDNEY TRANSPLANTATION
Fabian Halleck, Dmytro Khadzhynov, Lukas Lehner, Michael Dürr, Eva Schrezenmeier, Anna Kleinsteuber, Klemens Budde, Oliver Staack, Charité Universitätsmedizin Berlin, Nephrology, Berlin, GERMANY.

SP677

HOW DO PRE-EXISTING COMORBIDITIES INFLUENCE LONG-TERM PATIENT AND GRAFT SURVIVAL AND THE IMMUNOLOGIC OUTCOME IN KIDNEY TRANSPLANT RECIPIENTS? - AN EVALUATION OF COMORBID CONDITIONS
Anna Kleinsteuber, Dmytro Khadzhynov, Lukas Lehner, Michael Duerr, Fabian Halleck, Klemens Budde, Oliver Staack, Charité Universitätsmedizin, Nephrology, Berlin, GERMANY.

SP678

RISK FACTOR AND PROGNOSIS OF RECURRENT IGA NEPHROPATHY AFTER KIDNEY TRANSPLANTATION
Yasuhiro Otsuka, Norihiko Goto, Shunji Narumi, Yoshihiko Watarai, Asami Takeda, Japanese Red Cross Nagoya Daini Hosp, Kidney Disease Center, Nagoya, JAPAN.
Outcomes for kidney allograft recipients with language barriers post-transplantation - a comparative analysis

Sanna Tahir1, Holly Gillett2, Francesca Jackson-Spence2, Felicity Evison3, Jay Nath4, Adnan Shariﬁ4, 1Univ Birmingham, College Medical and Dental Sciences, Leeds, UK, 2Univ Birmingham, College Medical and Dental Sciences, Birmingham, UK, 3Queen Elizabeth Hosp, Dept Medical Informatics, Birmingham, UK, 4Queen Elizabeth Hosp, Dept Nephrology and Transplantation, Birmingham, UK.

FRACTION INCIDENCE AND POST FRACTURE MORTALITY IN ENGLISH AND NEW YORK STATE KIDNEY TRANSPLANT RECIPIENTS: A POPULATION LEVEL COMPARATIVE STUDY.

Julia Arnold1, Jemma Mytton2, Felicity Evison2, Adnan Shariﬁ1, Charles Ferro1, 1Univ Hosps Birmingham NHS Foundation Trust, Dept Renal Medicine, Birmingham, UK, 2Univ Hosps Birmingham NHS Foundation Trust, Dept Health Informatics, Birmingham, UK.

Adverse outcomes in obese kidney transplant recipients are limited to those with diabetes

Thomas Schachtner1,2, Maik Stein2, Petra Reinke1,2, 1Charité Univ Medicine Berlin, Nephrology and Internal Intensive Care, Berlin, GERMANY, 2Charité Univ Medicine Berlin, Berlin-Brandenburg Center Regenerative Therapies, Berlin, GERMANY.

Lactobacillus Plantarum 299v reduces the incidence of Clostridium Difficile infection in patients treated with antibiotics in the nephrological and transplantation dept

Agata Kujawa-Szewieczek, Marcin Adamczak, Katarzyna Kwiecień, Sylwia Dudzic, Magdalena Gasza, Andrzej Więcek, Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND.

Effectiveness of Trimethoprim - Sulfamethoxazole for the prevention of urinary tract infection after kidney transplantation: A systematic review and meta-analysis

Mahmoud E. Elraggal1,2, Muhammad Abdul Hadi1, Mohamed E. Elraggal3, 1Umm Al-Qura Univ, Clinical Pharmacy, Makkah, SAUDI ARABIA, 2Umm Al-Qura Univ, Pharmaceutical Research Center, Deanship Scientific Research, Makkah, SAUDI ARABIA, 3Kidney and Urology Center, Nephrology, Alexandria, EGYPT.

A calcineurin inhibitor with an improved side effect proﬁle?

Robert Huizinga1, Neil Solomon1, Mark Abel1, 1Aurinia Pharmaceuticals, Clinical Affairs, Victoria, BC, CANADA, 2Aurinia Pharmaceuticals, Chemistry, Edmonton, AB, CANADA.

Donor smoking increases kidney allograft recipient mortality in a national population cohort analysis

Holly Gillett1, Sanna Tahir1, Francesca Jackson-Spence1, Felicity Evison2, Jay Nath3, Adnan Shariﬁ3, 1Univ Birmingham, College Medical and Dental Sciences, Birmingham, UK, 2Queen Elizabeth Hosp, Informatics, Birmingham, UK, 3Queen Elizabeth Hosp, Nephrology and Transplantation, Birmingham, UK.


Sanna Tahir1, Holly Gillett1, Francesca Jackson-Spence1, Jay Nath2, Jemma Mytton3, Felicity Evison3, Adnan Shariﬁ2, 1Univ Birmingham, College Medical and Dental Sciences, Birmingham, UK, 2Queen Elizabeth Hosp, Dept Nephrology and Transplantation, Birmingham, UK, 3Queen Elizabeth Hosp, Dept Medical Informatics, Birmingham, UK.

Do we know how to treat resistant antibody-mediated rejection effectively? A single centre experience

Janka Slatinska1, Vladimir Hanzal1, Eva Honsova2, Petra Bohacova3, Petra Hruba4, Michaela Zelenova1, Ondrej Viklicky1, 1Inst Clinical and Experimental Medicine, Dept Nephrology, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Dept Pathology, Prague, CZECH REPUBLIC, 3Inst Clinical and Experimental Medicine, Dept Immunology, Prague, CZECH REPUBLIC, 4Inst Clinical and Experimental Medicine, Transplant Lab, Prague, CZECH REPUBLIC.

Factors associated with acute rejections in kidney transplant recipients: time for HLA-DR matching in elderly recipients?

Dmytro Khadzhynov, Fabian Halleck, Lukas J. Lehner, Michael Duerr, Anna Kleinstueber, Danilo Schmidt, Klemens Budde, Oliver Staeck, Charite Universitaetmedizin, Nephrology, Berlin, GERMANY.
SP689
THE ROLE OF TCF7L2 RS7903146 IN CORONARY ARTERY DISEASE IN NON-DIABETIC KIDNEY TRANSPLANT RECIPIENTS.
Marco Quaglia1, Claudio Musetti1, Andrea Airoldi1, Guido Merlotti1, Salvatore Terrazzino2, Michele Battista1, Armando Genazzani2, Vincenzo Cantaluppi1, 1Univ Piemonte Orientale, Dip Medicina Traslazionale, Nefrologia e Trapianto, Novara, ITALY, 2Univ Piemonte Orientale, Dip Scienze del Farmaco, Novara, ITALY.

SP690
LONG TERM OUTCOMES OF HIGHLY SENSITIZED KIDNEY TRANSPLANT RECIPIENTS
Jude Yagan1, Anil Chandraker2, Colm Magee2, 1Kuwait Organ Transplant Center, Kidney and Pancreas Transplant, Kuwait, KUWAIT, 2Brigham and Woman Hosp, Renal Div, Boston, MA.

SP691
ANALYSIS OF SIGNIFICANCE OF VASCULAR REJECTION IN KIDNEY TRANSPLANT BIOPSY SAMPLES
Marek Novotny1, Mariana Wohlfahrtova1, Eva Honsova2, Ondrej Viklicky1, 1Inst Clinical and Experimental Medicine, Nephrology, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Clinical and Transplant Pathology, Prague, CZECH REPUBLIC.

SP692
RECURRENT AA AMYLOIDOSIS AFTER RENAL TRANSPLANTATION: EFFECTS ON ALLOGRAFT SURVIVAL
Irem Sarihan1, Banu Senates2, Safak Mirioglu1, Nurhan Seyahi2, Taner Basturk3, Abdulmecit Yildiz4, Mehmet R. Altiparmak2, Yasar Caliskan1, Mehmet S. Sever1, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 2Istanbul Univ, Cerrahpasa Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 3Sisli Hamidiye Etfal Training and Education Hosp, Div Nephrology, Istanbul, TURKEY, 4Uludag Univ Fac Medicine, Dept Internal Medicine, Div Nephrology, Bursa, TURKEY.

SP693
CLINICAL AND MICROBIOLOGICAL CHARACTERISTICS OF KLEBSIELLA PNEUMONIAE ISOLATES CAUSING URINARY TRACT INFECTIONS IN RENAL TRANSPLANT PATIENTS.
Justyna GoŁĘbiewska1, Beata Krawczyk2, Magdalena WojtaŚ2, BolesŁaw Rutkowski1, Agnieszka Tarasewicz1, Alicja DĘbska-ŚlizieŃ1, 1Medical Univ GdaŃsk, Dept Nephrology, Transplantology and Internal Medicine, GdaŃsk, POLAND, 2GdaŃsk Univ Technology, Dept Molecular Biotechnology and Microbiology, Fac Chemistry, GdaŃsk, POLAND.
PAEDIATRIC NEPHROLOGY

SP694
LOW BIRTH WEIGHT AFFECTED CHILD'S URINARY PROTEIN AT 3 YEARS HEALTH CHECKUP: A POPULATION-BASED RETROSPECTIVE COHORT STUDY.

Maki Shinzawa1, Shiro Tanaka1, Hironobu Tsuchioka1, Daisuke Takada2, Motoho Yagi1, and Koji Kawakami1, 1Kyoto Univ, Dept Pharmacoeconomics, Tokyo, JAPAN, 2Kyoto Univ, Dept Nephrology, Kyoto, JAPAN.

SP695
EXPLAINING THE VARIATION IN COUNTRY MORTALITY RATES FOR PAEDIATRIC END-STAGE RENAL DISEASE ACROSS EUROPE - AN ESPN/ERA-EDTA REGISTRY ANALYSIS

Nicholas C. Chesnaye1, Franz Schaefer2, Marjolein Bonthuis1, Rebecca Holman1, Sergey Baiko3, Esra Baski1, Olga Bercova5, Sylvie Cloarec6, Marlies Cornelissen7, Laura Espinosa8, James Heaf9, Rosario Stone10, Anna Vanberg Reiseter11, Diamant Shtiza12, Aleksandra Zurovska13, Jerome Harmat14, Kitty J. Jager1, Jaap W. Groothoff15, Karlijn J. van Stralen1, 1ESPN/ERA-EDTA Registry and ERA-EDTA Registry, Medical Informatics, Amsterdam, NETHERLANDS, 2Univ Heidelberg, Center Pediatrics and Adolescent Medicine, Heidelberg, GERMANY, 3Second Children's Hosp, Pediatric Nephrology, Tours, FRANCE, 4Baskent Univ, Pediatric Nephrology Dept, Ankara, TURKEY, 5Inst Mother and Child Care, Pediatric Nephrology, Chisinau, MOLDOVA, 6CHU Tours, Hop Clocheville, Service Nephrology Pediatrics, Tours, FRANCE, 7Univ Medical Centre St Radboud, Pediatric Nephrology, Nijmegen, NETHERLANDS, 8Univ Hosp La Paz, Paediatric Nephrology, Madrid, SPAIN, 9Roskilde Hosp, Dept Medicine, Roskilde, DENMARK, 10Hosp Sta Maria, Dep Pediatrica, Lisboa, PORTUGAL, 11Oslo Univ Hosp, Section Nephrology, Oslo, NORWAY, 12Univ Hosp Centre Mother Tereza, Pediatrics Nephrology Unit, Tirana, ALBANIA, 13Medical Univ Gdansk, Dept Paediatrics, Nephropathy & Hypertension, Gdansk, POLAND, 14Bordeaux Hosp, Dep Pediatrie, Bordeaux, FRANCE, 15Emma Children's Hosp, Dept Pediatric Nephrology, Amsterdam, NETHERLANDS.

SP696
URINARY METALLOPROTEINASES AND TISSUE INHIBITORS OF METALLOPROTEINASES AS POTENTIAL EARLY BIOMARKERS OF RENAL FIBROSIS IN CHILDREN WITH NEPHROTIC SYNDROME

Beata Bieniasa5, Malgorzata Zajaczkowska, Przemyslaw Sikora, Anna Wieczorkiewicz-Plaza, Medical Univ Lublin, Dept Pediatric Nephrology, Lublin, POLAND.

SP697
EARLY MARKERS OF TUBULOINTERSTITIAL FIBROSIS IN CHILDREN WITH IDIOPATHIC NEPHROTIC SYNDROME TREATED WITH CYCLOSPORIN A

Anna Jakubowska, Danuta Zwolinska, Katarzyna Kilis-Petrusinska, 1Wroclaw Medical Univ, Dept Pediatric Nephrology, Wroclaw, POLAND.

SP698
RENAL TISSUE OXYGENATION MEASURED BY BOLD-MRI IN CHILDREN WITH CHRONIC KIDNEY DISEASE DUE TO VESICOURETERAL REFLUX

Hassib Chehadel, Bastien Milani2, Abana Lisa Ansaloni2, Christiane Anex2, Isabelle Bassi2, Macej Piskunowicz2, Matthias Stuber3, Francois Cachat1, Michel Burnier2, Menno Pijnm1, 1Univ Hosp Lausanne (CHUV), Pediatric Nephrology, Lausanne, SWITZERLAND, 2Univ Hosp Lausanne (CHUV), Nephrology, Lausanne, SWITZERLAND, 3Univ Hosp Lausanne (CHUV), Radiology, Lausanne, SWITZERLAND.

SP699
COMPARISON OF SERUM IGA/C3 RATIO ASSOCIATION WITH KIDNEY BIOPSY RESULTS BY THE OXFORD CLASSIFICATION IN CHILDREN WITH IGAN AND HSN

Malgorzata Mizerska-Wasiak1, Agnieszka Turczy1, Karolina CichoK-Kawa1, Jadwiga Maldyk2, Monika Miklaszewska3, Jacek Pietrzyk3, Agnieszka Rybi-Zuzmanska4, Anna Wasilewska4, Beata Bieniasa5, Malgorzata Zajaczkowska5, Agnieszka Firszt-Adamczyk6, Magdalena Drozynska-Duklas7, Aleksandra Zurovska7, Maria Szczepanska8, Agnieszka Pukajo-Marczyk9, Danuta Zolinska9, Katarzyna Gadomska-Prokop10, Ryszard Grenda10, Malgorzata Panczyk-Tomaszewska11, 1Medical Univ Warsaw, Dept Pediatrics and Nephrology, Warsaw, Poland, 2Medical Univ Frankfurt, Dept Pediatrics and Nephrology, Frankfurt, Germany, 3Jagiellonian Univ Cracow, Dept Pediatric Nephrology, Cracow, Poland, 4Medical Univ Białystok, Dept Pediatrics and Nephrology, Białystok, Poland, 5Medical Univ Lublin, Dept Pediatric Nephrology, Lublin, Poland, 6Children's Hosp, Dept Pediatrics and Nephrology, Torun, Poland, 7Medical Univ Gdańsk, Dept Pediatrics, Nephrology and Hypertension, Gdańsk, Poland, 8Silesian Medical Univ, Dept Pediatrics, SMZ Zabrze, Katowice, Poland, 9Wroclaw Medical Univ, Dept Pediatric Nephrology, Wroclaw, Poland, 10Children's Memorial Health Inst, Dept Nephrology, Kidney Transplantation and Hypertension, Warsaw, Poland.

SP700
LIMITED SAMPLING STRATEGY FOR THE AREA UNDER CONCENTRATION-TIME CURVE ESTIMATION IN CHILDREN WITH NEPHROTIC SYNDROME TREATED WITH MYCOPHENOLATE MOFETIL

Joanna Sobias1, Maltylda Reszt1, Danuta Ostalska-Nowicka2, Jacek Zachwieja2, Marta Kurnatowska1, Maria Chrzanowska1, 1Poznan Univ Medical Sciences, Dept Physical Pharmacy and Pharmacokinetics, Poznan, Poland, 2Poznan Univ Medical Sciences, Dept Pediatric Cardiology, Nephrology and Hypertension, Poznan, Poland.
SP701 EFFICACY OF CONTINUOUS PERITONEAL DIALYSIS VERSUS DAILY HAEMODIALYSIS IN MANAGING PEDIATRIC ACUTE KIDNEY INJURY
Biswanath Basu1, Tks Mahapatra2, Franz Schaefer3, 1NRS Medical College & Hosp, Div Pediatric Nephrology, Dept Pediatrics, Kolkata, INDIA, 2NRS Medical College & Hosp, Pediatrics, Kolkata, INDIA, 3Univ Heidelberg, Div Pediatric Nephrology, Center Pediatrics and Adolescent Medicine, Heidelberg, GERMANY.

SP702 A PRAGMATIC TRIAL OF DELAYED-RELEASE CYSTEAMINE BITARTRATE IN CHILDREN LESS THAN 6 YEARS OLD WITH CYSTINOSIS
Craig B. Langman1, Larry Greenbaum2, Paul Grimm3, Ewa Elenberg4, Georges Deschenes5, Patrick Niaudet6, Denis Morin7, Gregg Checani8, 1Northwestern Univ, Ped, Chicago, IL, 2Emory Univ, Ped, Atlanta, GA, 3Stanford Univ, Ped, Stanford, CA, 4Baylor College Medicine, Ped, Houston, TX, 5Hop Robert Debre, Ped, Paris, FRANCE, 6Necker Hosp, Ped, Paris, FRANCE, 7Montpellier Univ, Ped, Montpellier, FRANCE, 8Raptor Pharm, Med, Novato, CA.

SP703 UTILITY OF KIDNEY INJURY MOLECULE-1 AND HEART-TYPE FATTY ACID BINDING PROTEINS AS EARLY MARKERS OF RENAL DYSFUNCTION IN CHILDREN WITH B THALASSEMIA
Doaa Youssef1, Laila Shereif2, Amal Ali Zidan3, Osama El-Safy1, 1Zagazig Univ, Pediatrics, Cairo, EGYPT, 2Zagazig Univ, Pediatrics, Zagazig, EGYPT, 3Zagazig Univ, Clinacal Pathology, Zagazig, EGYPT.

SP704 INCREASE RISK OF PEDIATRIC ACUTE KIDNEY INJURY BY THE USE OF NSAIDS; A MULTI-CENTRE STUDY
Zara Nisar, Khyber Teaching Hosp, Nephrology, Peshawar, PAKISTAN.

SP705 EFFICACY OF RITUXIMAB IN SEVERE LUPUS NEPHRITIS IN CHILDREN: A CASE SERIES
Julien Hogan, Olivier Niel, Theresa Kwon, Véronique Baudouin, Georges Deschenes, Robert Debré Hosp, Pediatric Nephrology, Paris, FRANCE.

SP706 LOW BIRTH WEIGHT MAY INFLUENCE THE OUTCOME OF NEPHROTIC SYNDROME IN CHILDREN
Giovanni Conti1, Stefania Arasi1, Dominique De Vivo1, Claudia Fedel1, Angela Alibrandi2, Agata Vitale1, Carmelo Fedel1, Domenico Santoro3, 1AOU G Martino, Pediatric Nephrology Unit, Messina, ITALY, 2Univ Messina, Dept Economical, Business and Environmental Sciences and Quantitative Methods, Messina, ITALY, 3AOU G Martino, Nephrology and Dialysis Unit, Messina, ITALY.

SP707 THE ROLE OF VOIDING CYSTOURETHROGRAM IN CHILDREN WITH FIRST-TIME SIMPLE FEBRILE URINARY TRACT INFECTION AND NORMAL RENAL AND BLADDER ULTRASOUND
Pornpimol Rianthavorn, Onjira Tangngamsakul, Fac Medicine, Chulalongkorn Univ, Pediatrics, Bangkok, THAILAND.

SP708 24 HOURS BLOOD PRESSURE MONITORING IN RENAL TRANSPLANTED CHILDREN
Paunova Svetlana1, Polyakov Michail1, Roumyantsev Alexandr2, Molchanova Elena2, Valov Alexey2, 1Pirogov Russian National Research Medical Univ, Pediatrics, Moscow, RUSSIAN FEDERATION, 2Russian Children Hosp, Nephrology, Moscow, RUSSIAN FEDERATION.

SP709 RENALASE IN CHILDREN WITH GLOMERULAR KIDNEY DISEASES
Piotr Skrzypczyk1, Malgorzata Fanczyk-Tomaszewskaa1, Joanna Przychodzien1, Malgorzata Mizierska-Wasiak1, Elzbieta Gorska1, Anna Stelmaszczyk-Emmel2, 1Medical Univ Warsaw, Dept Pediatrics and Nephrology, Warsaw, POLAND, 2Medical Univ Warsaw, Dept Lab Diagnostics and Clinical Immunology Developmental Age, Warsaw, POLAND.

SP710 ENDOTHELIAL DYSFUNCTIONS AND RISK OF CARDIOVASCULAR PATHOLOGY IN PATIENTS WITH STEROID-RESISTANT NEPHROTIC SYNDROME
Marina Aksenova1,2, Marina Dobrynina3, Tatiana Vinogradova4, Vladimir Dlin1, 1Y.Veltischev Research and Clinical Inst Pediatrics Pirogov Russian National Research Medical Univ, Nephrology Dept, Moscow, RUSSIAN FEDERATION, 2Dmitry Rogachev Federal Research and Clinical Center Pediatric Hematology, Oncology and Immunology, Clinical Diagnostic Dept, Moscow, RUSSIAN FEDERATION, 3Y.Veltischev Research and Clinical Inst Pediatrics Pirogov Russian National Research Medical Univ, Dept Ultrasound Investigation, Moscow, RUSSIAN FEDERATION, 4Y.Veltischev Research and Clinical Inst Pediatrics Pirogov Russian National Research Medical Univ, Pathology Dept, Moscow, RUSSIAN FEDERATION.
SP711
MORPHOMETRIC CHARACTERISTICS OF THE HUMAN FETAL KIDNEY DEVELOPMENT: THE AVERAGE PERIMETER OF GLOMERULAR PROFILES IN CORTICAL ZONES
Marija Bjelakovic1, Slobodan Vlajkovic1, Goran Bjelakovic2, 1Medical Fac, Dept Anatomy, Nis, SERBIA, 2Medical Fac, Dept Internal Medicine, Nis, SERBIA.

SP712
USE OF IONIC DIALYSANCE TO ESTIMATE KT/V IN PEDIATRIC PATIENTS ON CHRONIC ON LINE HEMODIALYSIS
Jean Grandy, Angelica Rojo, Hosp Exequiel Gonzalez Cortes, Nephrology, Santiago, CHILE.

SP713
THE FGF23 AND KLOTHO AXIS IN PEDIATRIC CKD - A PROSPECTIVE COHORT STUDY
Ylva Tranaeus Lindblad1, Hannes Olason2, Georgios Vavilis3, Ulf Hammar4, Maria Herthelius1, Jonas Axelson5, Peter Bárany2, 1Karolinska Inst, Div Pediatrics CLINTEC, Huddinge, SWEDEN, 2Karolinska Inst, Div Renal Medicine CLINTEC, Huddinge, SWEDEN, 3Karolinska Univ Hosp, Dept Emergency Medicine, Huddinge, SWEDEN, 4Karolinska Inst, Inst Environmental Medicine, Stockholm, SWEDEN, 5Karolinska Inst, Dept Medical Biochemistry and Biophysics, Stockholm, SWEDEN.

SP714
EARLY MARKERS OF KIDNEY INJURY IN CHILDREN WITH OBESITY
Katarzyna Maćkowiak-Lewandowicz, Danuta Ostalska-Nowicka, Jacek Zachwieja, Poznan Univ Medical Sciences, Clinic Pediatric Cardiology and Nephrology, Poznań, POLAND.

SP715
DISTURBED SKIN BARRIER IN CHILDREN WITH CHRONIC KIDNEY DISEASE
Katarzyna Kilis-Pstrusinska1, Elzbieta Wojtowicz-Prus2, Jacek Szepietowski3, 1Wroclaw Medical Univ, Dept Paediatric Nephrology, Wroclaw, POLAND, 2Regional Specialist Hosp, Center for Research & Development, Dept Dermatology, Wroclaw, POLAND, 3Wroclaw Medical Univ, Dept Dermatology, Venerology and Allergology, Wroclaw, POLAND.

SP716
AUTOMATED FLOW CYTOMETRY OF URINARY WHITE BLOOD CELLS IS A HIGHLY SENSITIVE SCREENING TEST FOR URINARY TRACT INFECTION IN CHILDREN: A CROSS-SECTIONAL STUDY
Karl M. Wissing1, Hong Phuoc Duong2, Nathalie Tram2, Georges Mascart3, Philippe Lepage4, Khalid Ismaili1, 1CHU Brugmann/UZ Brussel, Nephrology, Brussels, BELGIUM, 2Hop Univ. Enfants Reine Fabiola, Nephrology, Brussels, BELGIUM, 3CHU Brugmann, Microbiology, Brussels, BELGIUM, 4Hop Univ Enfants Reine Fabiola, Infectious Diseases, Brussels, BELGIUM.

SP717
SALT INTAKE AND BLOOD PRESSURE IN A PEDIATRIC POPULATION
Teresa T. Papalia1, Martina M. Bonofiglio2, Rosita R. Greco3, Agata A. Mollica3, Francesca F. Leone3, Paolo P. Gigliotti3, Renzo R. Bonofiglio3, 1Annunziata Hosp, Nephrology Dialysis and transplantation, Cosenza, ITALY, 2Annunziata Hosp, Kidney and Transplantation Research Center, Cosenza, ITALY.

SP718
ACUTE KIDNEY INJURY IN TAIWANESE CHILDREN: AKIN DEFINED INCIDENCE, CLINICAL CHARACTERISTICS, AND MORTALITY RATE
Chien-Ning Hsu1, You-Lin Tain2, 1Kaohsiung Chang Gung Memorial Hosp, Dept Pharmacy, Kaohsiung, TAIWAN, 2Kaohsiung Chang Gung Memorial Hosp, Dept Pediatrics, Kaohsiung, TAIWAN.

SP719
FRACTIONAL EXCRETION OF SURVIVIN, EMMPRIN AND MMP-7 IN CHILDREN WITH CHRONIC KIDNEY DISEASE
Kinga Musio, Agnieszka Bargenda, Danuta Zwolinska, Wroclaw Medical Univ, Dept Pediatric Nephrology, Wroclaw, POLAND.

SP720
INCREASED PLASMA IP-10 LEVELS IN PAEDIATRIC FOCAL SEGMENTAL GLOMERULOSCLEROTIC (FSGS) NEPHROTIC PATIENTS TREATED WITH RITUXIMAB: A PLausible MECHANISM IN RITUXIMAB-ASSOCIATED COLITIS
Wee Song Yeo1, Chang Yien Chan2, Hui Kim Yap2, 1National Univ Health System, Paediatrics, Singapore, SINGAPORE, 2Yong Loo Lin School Medicine, National Univ Singapore, Paediatrics, Singapore, SINGAPORE.

SP721
PAEDIATRIC KIDNEY TRANSPLANT PROGRAM IN KAZAKHSTAN
Venera Altynova1, Dinara Galieva2, 1National Research Centre Maternal and Child Health, Kidney Centre, Astana, KAZAKHSTAN, 2Univ Edinburgh, Centre Population Health Sciences, Edinburgh, UK.
SP722
GLUCOSE METABOLISM ALTERATION AFTER KIDNEY TRANSPLANTATION IN PEDIATRIC PATIENTS.
Caner Alparslan1, Hayrullah Manyas2, Onder Yavascan1, Nejat Aksu1, Belde Kasap Demir1, Demet Alaygut1, Fatma Mutlibas Oksan1, Izmir Tepecik Training and Research Hosp, Pediatric Nephrology, Izmir, TURKEY, 2Izmir Tepecik Training and Research Hosp, Pediatrics, Izmir, TURKEY.

SP723
BODY COMPOSITION AND KIDNEY INJURY BIOMARKERS IN CHILDREN WITH HISTORY OF LOW BIRTH WEIGHT. COMPOSITION AND KIDNEY INJURY BIOMARKERS IN CHILDREN WITH HISTORY OF LOW BIRTH WEIGHT.
Ernesto Sabath1, Maria Elena Rojo-Trejo2, Diana Beatriz Rangel Peniche2, 1Hospital General Querétaro, Nephrology, Querétaro, MEXICO, 2Univ Autonoma Queretaro, Nutrition, Queretaro, MEXICO.

SP724
THE OUTCOMES OF NEONATAL AUTOSOMAL RECESSIVE POLYCYSTIC KIDNEY DISEASE (ARPKD)
Tatyana Abaseeva1, Tatiana Pankrateno1, Alexander Burov1, Khadija Emirova2, Alexander Muzurov3, Anatoliy Popa1, 1Moscow Regional Research and Clinical Inst (MONIKI), Pediatric Dialysis Unit, Moscow, RUSSIAN FEDERATION, 2Moscow State Medical-Dental Univ, Pediatric, Moscow, RUSSIAN FEDERATION, 3Russian Medical Academy Postgraduate Education, Pediatric Anesthesiology and Critical Care Medicine, Moscow, RUSSIAN FEDERATION.

SP725
BRONCHIECTASIS IN MYCOPHENOLATE MOFETIL TREATED CHILDREN: NOT JUST A MATTER OF RENAL TRANSPLANTATION
Beatrice Beauval, Olivier Dunand, Valerie Leroy, CHU Reunion, Hop Felix Guyon, Pediatric Nephrology Unit, Saint Denis, RÉUNION.

SP726
ANALYSIS OF VITAMIN D LEVELS IN CHILDREN WITH CHRONIC KIDNEY DISEASE STAGES 3-5
M.S. Molchanova1, V.S. Frolova1, E.K. Petrosyan1, T.E. Pankrateno2, A.L. Valov3, N.G. Goldyrev4, 1RNMU, Dept Hosp Paediatrics, Moscow, RUSSIAN FEDERATION, 2MONIKI, Dept Pediatric Dialysis and Hemocorrection, Moscow, RUSSIAN FEDERATION, 3RDKB, Dept Kidney Transplantation, Moscow, RUSSIAN FEDERATION, 4RDKB, Lab Clinical Immunology, Moscow, RUSSIAN FEDERATION.

SP727
ASSOCIATION OF HYPERTENSION WITH PROGRESSION OF STEROID-RESISTANT NEPHROTIC SYNDROME IN CHILDREN
Larisa Prikhodina1,2, Marina Lebedenkov, Svetlana Papizh1, 1Research Inst Pediatrics n.a. Y.E.Veltishev Russian National Research Medical Univ n.a. N.I. Pirogov, Inherited & Acquired Kidney Diseases, Moscow, RUSSIAN FEDERATION, 2Russian Medical Academy Postgraduate Medical Education, Pediatrics, Moscow, RUSSIAN FEDERATION.

SP728
INFLUENCE OF TNF-ALPHA GENE POLYMORPHISM ON THE COURSE OF NEPHROTIC SYNDROME
Giovanni Conti1, Claudia Fedel1, Daniela Caccamo2, Angela Aribrandi3, Agata Vital1, Riccardo Tentile2, Carmelo Fedel1, Domenico Santoro1, 1AOU G Martino, Pediatric Nephrology Unit, Messina, ITALY, 2AOU G Martino, Clinic Biochemistry Unit, Messina, ITALY, 3Univ Messina, Dept Economical, Business and Environmental Sciences and Quantitative Methods, Messina, ITALY, 4AOU G Martino, Nephrology and Dialysis Unit, Messina, ITALY.

SP729
IL18 AND NGAL IN ASSESSMENT OF THE RISK OF CONTRASTINDUCED NEPHROPATHY IN CHILDREN
Katarzyna Jobs, Marianna Lichosik, Anna Jung, Wojewsky Instytut Medyczny, Pediatric Nephrology, Warsaw, POLAND.

SP730
FREQUENCY AND HISTOPATHOLOGICAL PATTERN OF LUPUS NEPHRITIS IN PAEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS PATIENTS AT DIAGNOSIS
Palash Mitra1, Kalyan B. Gomes2, Mohammad I. Islam2, Muhammad A. Rahim1, Sarwar Iqbal1, 1BIRDEM General Hosp, Nephrology, Dhaka, BANGLADESH, 2BSMMU, Paediatrics, Dhaka, BANGLADESH.

SP731
ANEMIA AND RISK OF PROGRESSION OF CHRONIC GLOMERULONEPHRITIS IN CHILDREN
Anna Zvenigorodskaya, Veronica Dudnyk, Vinnitsa National Medical Univ, Paediatric N12, Vinnitsa, UKRAINE.

SP732
MANAGEMENT OF CHRONIC HYPOTENSION WITH MIDODRINE HYDROCHLORIDE IN ANURIC PAEDIATRIC DIALYSIS PATIENTS
Jill Farquhar1, Deirdre Hahn2, 1Sydney Children's Hosp Network, Renal Treatment Centre, Westmead, NSW, AUSTRALIA, 2Sydney Children's Hosp Network, Nephrology, Westmead, AUSTRALIA.
SP733
EVALUATION OF RENAL FUNCTIONS AND BLOOD PRESSURE IN LOW BIRTH WEIGHT CHILDREN
Nergis Karayel1, Ferah Sonmez2, Ilknur Girisgen2, Cigdem Yenisey3, Alparslan Unsal4, 1Adnan Menderes Univ Dept Pediatrics, Pediatrics, Aydin, TURKEY, 2Adnan Menderes Univ, Pediatric Nephrology, Aydin, TURKEY, 3Adnan Menderes Univ, Dept Biochemical, Aydin, TURKEY, 4Adnan Menderes Univ, Dept Radiology, Aydin, TURKEY.

SP734
LEFT VENTRICULAR MASS AND DIASTOLIC DYSFUNCTION IN CHILDREN ON DIALYSIS
Adrian Catalin Lungu1,2, Ana-Maria Viziniuc1, Alexandra Niculae1, Iulia Constantinescu1, Ovidiu Constantin Limoncu1, Ioana Ghiorghiu2, Mihai Gafencu3, Cristina Stoica1,2, 1Fundeni Clinical Inst, Pediatric Nephrology, Bucharest, ROMANIA, 2Carol Davila Univ Medicine, Pediatrics, Bucharest, ROMANIA, 3Victor Babes Univ Medicine, Pediatrics, Timisoara, ROMANIA.

SP735
BODY-WEIGHT DEPENDENCY OF UREA KINETIC PARAMETERS IN ADOLESCENT HEMODIALYSIS PATIENTS

SP736
EARLY SIGNS OF ACUTE KIDNEY INJURY IN CHILDREN WITH CONGENITAL HEART DISEASE
Anna Musielak, Magdalena Silska-Dittmar, Anna Benedyk, Danuta Ostalska-Nowicka, Jacek Zachwieja, Poznan Univ Medical Sciences, Poland, Pediatric Cardiology, Nephrology and Hypertension, Poznan, POLAND.

SP737
PAMIDRONATE AS AN EFFECTIVE AND SAFE ALTERNATIVE TREATMENT IN CHILDREN WITH SECONDARY POSTSTEROID OSTEOPOROSIS
Magdalena Silska-Dittmar, Anna Musielak, Jolanta Sołtysiak, Danuta Ostalska-Nowicka, Jacek Zachwieja, Poznan Univ Medical Sciences, Paediatric Nephrology Dept, Poznań, POLAND.

SP738
DIAGNOSTIC MARKERS OF GLOMERULAR, NON-GLOMERULAR HAEMATURIA IN CHILDREN WITH KIDNEY DISEASE.
Iuliia Kyslova1, Anastasia Konoplitska1, Olga Yablon1, Elena Kablukova1, Galina Guminskaya2, Oksana Pedosenko2, 1Vinnitsa National Pirogov Memorial Medical Univ, Pediatrics №1, Vinnitsa, UKRAINE, 2Vinnitsa Regional Children’s Hosp, Pediatrics №1, Vinnitsa, UKRAINE.
SP739
HERBAL TREATMENT OF THE URINARY SYSTEM DISEASES BASED ON 18TH AND 19TH CENTURY MANUALS IN POLAND
Janusz Ostrowski1,2, Boleslaw Rutkowski3,2, 1Specialist Provincial Hosp, Third Dept Internal Medicine and Nephrology, WŁocŁawek, POLAND, 2Historical Section, Polish Society Nephrology, Gdansk, POLAND, 3Medical Univ, Dept Nephrology, Transplantology and Internal Medicine, Gdansk, POLAND.

SP740
MEMBRANOUS NEPHROPATHY: THE EVOLUTION OF AN AUTO-IMMUNE GLOMERULAR DISEASE
Richard J. Glassock, Geffen School Medicine UCLA, Medicine, Laguna Niguel, CA.

SP741
PLANTS WITH DIURETIC ACTION ACCORDING TO DIOSCURIDES MATERIA MEDICA IN THE GLAGOLITIC OLD CHURCH MEDICAL FOLIA FROM SINAI
Athanasios Diamandopoulos1, Heinz Miklas2, 1IAHN, History, Athens, GREECE, 2Vienna Univ, Dept Slavonic Studies, Vienna, AUSTRIA.

SP742
THE HISTORY OF NEPHROLOGY IN ARMENIA
Zaruhi Stepanyan, Yerevan State Medical Univ, Nephrology, Yerevan, ARMENIA.

SP743
HISTORY OF PERCUTANEOUS RENAL BIOPSY
Luca Visconti, Valeria Cernaro, Carlo Alberto Ricciardi, Edoardo Spannolo, Francesca Montuori, Antonio Lacquaniti, Viviana Lacava, Francesca De Gregorio, Carmela Aloisi, Michele Buemi, Domenico Santoro, Univ Hosp Messina, Dept Clinical and Experimental Medicine, Unit Nephrology, Messina, ITALY.

SP744
E. PANAGIOTOPoulos AND D. VALTIS: PERITONEAL DIALYSIS PIONEERS IN LATE 1940’S GREECE
Georgios Vlachopoulos, Panagiota Papadaki, Garyfallia Perysinaki, Pavlina Kazantzidou, Eleni Louca, Eirini Ntaountaki, Rethymnon General Hosp, Dept Nephrology, Rethymnon, GREECE.

SP745
BEST ABSTRACT ON HISTORY OF NEPHROLOGY (see page 32)
YURI VORONOY - AT THE BEGINNING OF A LONG WAY
Alexey Zulkarnaev, M.F Vladimirsky Moscow Regional Research Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

SP746
DR. A L BABB AND THE HEMODIALYSIS MACHINE
Christopher R. Blagg, Northwest Kidney Centers and Univ Washington, Div Nephrology, Seattle, WA.

SP747
PROFESSOR JOSEF ERBEN, MD, DSC, THE WELL-KNOWN CLINICAL NEPHROLOGIST
Miroslav Mydlik, Katarina Derzsiova, Univ Hosp L. Pasteur, IVth Internal Clinic, Kosice, SLOVAKIA.

SP748
ON URINARY SYSTEM IN SANIZADE MEHMEH ATAULLAH EFENDIS WORK, HAMSE-I SANIZADE
Ahmet Aciduman, Önder Ilgili, Ankara Univ, Fac Medicine, History of Medicine and Ethics, Ankara, TURKEY.
SP749
PARICALCITOL VERSUS PLACEBO FOR REDUCTION OF PROTEINURIA IN KIDNEY TRANSPLANT RECIPIENTS: A DOUBLE-BLIND, RANDOMISED CONTROLLED TRIAL
Miha Arnol1,2, Manca Oblak1, Gregor Mišiček1, Jadranka Buturović-Ponikvar1,2, Aljoša Kandus1, Univ Medical Centre Ljubljana, Dept Nephrology, Ljubljana, SLOVENIA, 2Univ Ljubljana, Fac Medicine, Ljubljana, SLOVENIA.

SP750
IMPACT OF DIFFERENT CLASSES OF ANTIHYPERTENSIVE THERAPY ON DEATH AND DISEASE PROGRESSION IN OLDER PATIENTS WITH CKD
Maharajan Raman1,2, Darren Green1,2, Thilini N. Abeygunaratne1, Helen V. Alderson1,2, Rachel J. Middleton1,2, Philippa A. Kalra1,2, Salford Royal NHS Foundation Trust, Vascular Research Group, Salford, UK, 2Univ Manchester, Inst Population Health, Manchester, UK.

SP751
EFFECT OF THE INTENSITY OF CONTINUOUS RENAL REPLACEMENT THERAPY IN PATIENTS WITH CARDIAC SURGERY ASSOCIATED ACUTE KIDNEY INJURY (CRITERIA STUDY)
Huaban Liang, Li Song, Wei Dong, Zhilian Li, Xia Fu, Ruizhao Li, Shuangxin Liu, Wei Shi, Xinling Liang, Xinling Liang, Guangdong General Hospital and Guangdong Academy Medical Sciences, Guangzhou, CHINA.

SP752
OPTIMIZATION OF KDIGO AKI STAGING FOR HOSPITAL-ACQUIRED AKI
David G. Warnock1, T C. Powell2, John P. Donnelly3, Anupam Agarwal4, Ravindra L. Mehta5, Henry E. Wang6, 1UB, Medicine, Birmingham, AL, 2Univ Alabama Birmingham, School Medicine, Birmingham, AL, 3Univ Alabama Birmingham, Medicine and Epidemiology, Birmingham, AL, 4Univ Alabama Birmingham, Medicine, Birmingham, AL, 5Univ California San Diego, Medicine, San Diego, CA, 6Univ Alabama Birmingham, Emergency Medicine, Birmingham, AL.

SP753
EFFECTS OF TWO DIFFERENT EXERCISE TRAINING REGIMES ON PHYSICAL FUNCTION IN PATIENTS WITH CKD - THE RENEXC TRIAL
Naomi Clyne1, Matthias Hellberg1, Philippa Svensson1, Huda Abdulaahi1, Peter Höglund2, 1Nephrology, Clinical Sciences, Lund, Lund Univ, Lund, SWEDEN, 2Pharmacology, Lab Medicine, Lund Univ, Lund, SWEDEN.

SP755
HBV AND HCV PREVALENCE AND INCIDENCE AMONG DIALYSIS OR RENAL TRANSPLANT WAITING LISTPATIENTS IN FRANCE

SP756
A RANDOMIZED STUDY OF CHOLECALCIFEROL SUPPLEMENTATION IN INCIDENT HEMODIALYSIS PATIENTS. PRELIMINARY ASSESSMENT AT THE THIRD YEAR
C Jorge1, P Matias2, P Bravo3, C Mil-homens4, C Silva4, P Ponce4, C Oliveira3, C Gil2, A Ferreirao1, 1Nephrocare Vila Franca de Xira, Vila Franca de Xira, PORTUGAL, 2Dialverca, Forte da Casa, PORTUGAL, 3Nephrocare Almada, Mira-tejo, PORTUGAL, 4Nephrocare Lumiar, Lisbon, PORTUGAL.

SP757
EVALUATION OF ANGIOMYOLIPOMA TUMOR BEHAVIOR AFTER TERMINATION OF EVEROLIMUS TREATMENT - RESULTS OF A SUBANALYSIS FROM EXIST-2
John J. Bissler1, Norio Nonomura2, Klemens Budde3, Bernard A. Zonnenberg4, Michael Fischereder5, Noah Berkowitz6, Edward Schiiff7, Julie Niola8, Fabian Herbst9, Martina E. Bebin10, Paolo Curatolo11, Andrea Zonta12, Elena Belousova13, 1Univ Tennessee Health Science Center, St. Jude Children’s Research Hosp and Le Bonheur Children’s Hosp, Memphis, TN, 2Osaka Univ Hosp, Dept Urology, Yamada-oka, Suita, Osaka, JAPAN, 3Charite-Universitätsmedizin, Universitätsmedizin, Berlin, 4Univ Medical Center Utrecht, Dept Radiology and Nuclear Medicine, Radiology and Nuclear Medicine, Utrecht, NETHERLANDS, 5Div Nephrology, Dept Medicine, Med IV, Ludwig-Maximilian’s Univ, Medicine, Munich, GERMANY, 6Novartis Pharma MCH, Oncology, East Hanover, NJ, 7Novartis Pharma, Oncology, Florham Park, NJ, 8Novartis Pharma S.A.S., Rueil-Malmaison Cedex, FRANCE, 9Novartis Pharma MCH, Basel, SWITZERLAND, 10North Alabama Children’s Specialists, Huntsville, AL, 11Tor Vergata Univ Hosp, Rome, ITALY, 12Dept Medical Sciences, Univ Turin, Turin, ITALY, 13Schulmberger Moscow Research Center, Moscow Research Inst Pediatrics and Pediatric Surgery, Moscow, RUSSIAN FEDERATION.
SP758
RED BLOOD CELL DISTRIBUTION WIDTH IS A POTENTIAL PREDICTOR FOR ISCHEMIC STROKE IN HEMODIALYSIS PATIENTS
Liyi Mo, YuanHan Chen, ZhiLian Li, LiXia Xu, Wei Dong, HuaBan Liang, RuiZhao Li, Wei Shi, XinLing Liang, Guangdong General Hosp, Guangzhou, CHINA.

SP759
PREVENTION OF PERITONITIS IN PERITONEAL DIALYSIS PATIENTS (PEPS) - A RANDOMIZED, CONTROLLED MULTICENTRE TRIAL
Susanne Ljungman1, Joergen Jensen2, Dag Paulsen3, Aivars Petersons4, Olof Heimbürger5, Ann-Cathrine Johansson6, Mai Rosenberg7, Heikki Saha8, Dirk Struijk9, Max Petzold10, Helga Gumundsdottir11, Martin Wilkie12, 1Univ Gothenburg, Dept Nephrology, Gothenburg, SWEDEN, 2Odense Univ Hosp, Odense, DENMARK, 3Innlandet Hosp, Lillehammer, NORWAY, 4Pauls Stradins Clin Univ Hosp, Riga, LATVIA, 5Karolinska Univ Hosp, Stockholm, SWEDEN, 6Skane Univ Hosp, Malmö, SWEDEN, 7Univ Hosp Tartu, Tartu, ESTONIA, 8Tampere Univ Hosp, Tampere, FINLAND, 9Med Centr Univ Amsterdam, Amsterdam, NETHERLANDS, 10Cenetr Appl Biostatistics, Gothenburg, SWEDEN, 11Oso Univ Hosp Ullevål, Oslo, NORWAY, 12Sheffield Kidney Inst, Sheffield, UK.
Scientific Programme

DAY AT A GLANCE

08:00 - 09:30 Symposia
How to handle the sensitized kidney transplant recipient 190
Calcification and calciphylaxis 190
PD clinical science 191
Cross-talk between kidneys and other organs in AKI 191
Development and pregnancy 192
Free Communications + Mini Lectures
Cell signalling 1 193
Hypertension experimental 194

09:30 - 10:45 Poster session
ERA-EDTA General Assembly (for ERA-EDTA members only) 196

10:45 - 11:30 Plenary Lecture Nicholas Schork
Is it time for one-person trials? 197

11:45 - 13:15 Symposia
Improving treatment of patients with CKD (Joint Symposium ERA-EDTA & ISN) 197
Lingering questions in CKD 198
Renal Replacement Therapy in Europe and in China (Joint Symposium ERA-EDTA & CSN) 198
Sensing mechanisms in nephrology 199
Free Communications + Mini Lectures
Dialysis cardiovascular complications 1 200
Peritoneal dialysis 201
Transplantation clinical 2 203
CKD progression 205

13:15 - 15:15 Industry Symposia

15:15 - 16:45 Symposia
The gut-renal axis 207
Joint Symposium ERA-EDTA & JSN 207
DGF: how to prevent it? 208
AKI - pathophysiology & definition 208
Free Communications + Mini Lectures
CKD epidemiology 209
Vascular access 210
Glomerulonephritis: clinical and experimental 1 211
Cell signalling 2 213

17:00 - 18:30 Symposia
The Dialysis Outcomes and Practice Patterns Study (DOPPS) Program:
Celebrating 20 Years and Looking Ahead 214
Whole person care in nephrology 215
Renal fibrosis: new insights 215
Lipids in nephrology 216
Free Communications + Mini Lectures
Renal inflammation and regeneration 217
Hypertension clinical 218
Genetics 219
CKD rehabilitation 221
HALL A

08:00 - 09:30

Symposium 20

How to handle the sensitized kidney transplant recipient

Chairs: Sabine Horn, Villach, Austria
       Mariusz Kusztal, Wroclaw, Poland

Precision diagnosis and risk stratification in kidney transplantation
Alexandre Loupy, Paris, France

Desensitization protocols: is there a favorite?
Georg A. Böhmig, Vienna, Austria

Treatment of ABMR: when to treat and what tools do we have?
Søren Schwartz Sørensen, Copenhagen, Denmark

Paired kidney donation
Ondrej Viklicky, Prague, Czech Republic

HALL D

08:00 - 09:30

Symposium 21

Calcification and calciphylaxis

Chairs: Hannes Olauson, Stockholm, Sweden
       Gernot Schilcher, Graz, Austria

Calcification in heart valves: clinical implications, consequences, therapy
Pablo Antonio Ureña Torres, Saint-Ouen, France

Vascular calcification in CKD patients: evaluation and outcomes
Teresa Adragao, Cascais, Portugal

New insights into the FGF23-Klotho axis
Hannes Olauson, Stockholm, Sweden

Uraemic calciphylaxis - clinical picture, course and therapeutic options
Markus Ketteler, Coburg, Germany
HALL E

Symposium 22

**PD clinical science**

Chairs: Christoph Aufricht, Vienna, Austria
Roberto Pecoits-Filho, Curitiba, Brazil

Bio-impedance: coming of age?
Jeroen Kooman, Maastricht, The Netherlands

Transition between modalities: what do we (not yet) know?
Christopher T. Chan, Toronto, Canada

Management of infections in PD
Anabela Rodrigues, Porto, Portugal

Peritoneal dialysis catheter insertion and continuous access care: interdisciplinary challenges and pre-emptive practices
Catalin Buga, Bucharest, Romania

HALL F

Symposium 23

**Cross-talk between kidneys and other organs in AKI**

Chairs: Wilfred Druml, Vienna, Austria
Claudio Ronco, Vicenza, Italy

AKI and the heart
Claudio Ronco, Vicenza, Italy

AKI and the lung
Carmine Zoccali, Reggio Calabria, Italy

Novel evidence on the treatment of hepatorenal syndrome
Fabrizio Fabrizi, Milan, Italy

AKI in pregnancy
Fadi Fakhouri, Nantes, France
Symposium 24

Development and pregnancy

Chairs: Matthew Hall, Nottingham, United Kingdom
Nine V.A.M. Knoers, Utrecht, The Netherlands

CAKUT
Dieter Haffner, Hannover, Germany
Renal progenitor cells to model inherited disorders
Paola Romagnani, Florence, Italy

Immunisation in pregnancy leads to membranous nephropathy
Pierre Ronco, Paris, France

Pathophysiology of pre-eclampsia
Matthew Hall, Nottingham, United Kingdom
**Scientific Programme**

**HALL C** 08:00 - 09:30

**Free Communication Session 13 + Mini Lecture**

**Cell signalling 1**

Chairs: Jesus Egido, Madrid, Spain  
Ton J. Rabelink, Leiden, The Netherlands

**Mini lecture**
The endothelial surface layer and the development of glomerular disease  
**Ton J. Rabelink**, Leiden, The Netherlands

**FREE COMMUNICATIONS**

**MO001**  
RAPAMYCIN MITIGATES THE PROTEINURIC TUBULAR DAMAGE THROUGH THE ACTIVATION OF AUTOPHAGY via P75NTR  
Donatella Vizza1, Simona Lupinacci1, Anna Perri1, Giuseppina Toteda1, Antonella La Russa1, Francesca Leone1, Paolo Gigliotti1, Danilo Lofarol1, Renzo Bonofiglio2, 1Annunziata Hosp, Kidney and Transplantation Research Center, Cosenza, ITALY, 2Annunziata Hosp, Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

**MO002**  
INCREASED SERUM PLATELET MICROPARTICLE CONTRIBUTES TO GLOMERULAR ENDOTHELIAL INJURY IN DIABETIC NEPHROPATHY  
Yang Zhang, Kun Ling Ma, Gui Hua Wang, Jian Lu, Ze Bo Hu, Liang Liu, Pei Pei Chen, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Nan Jing City, CHINA.

**MO003**  
IMPLICATION OF INTERLEUKIN-17A, CYTOKINE OF TH17 RESPONSE, IN VASCULAR DAMAGE.  
Macarena Orejudo1,2, Ana Belén García-Redondo1,2, Raúl R. Rodrigues-Diez1,2, Raquel Rodrigues-Diez1,2, Sandra Rayego-Mateos1,2, José Luis Morgado-Pascual1,2, Mercedes Salaices3, Jesús Egido1, Ana M. Briones3, Marta Ruiz-Ortega1,2, 1IIS-Fundación Jiménez Díaz, Nephrology, Madrid, SPAIN, 2Autonoma Univ, Nephrology, Madrid, SPAIN, 3Autonoma Univ, Pharmacology, Madrid, SPAIN.

**MO004**  
UREMIA INDUCES DIFFERENTIATION OF PROATHEROGENIC MONOCYTES VIA DNA HYMETHYLATION  
Adam M. Zawada1, Jenny S. Schneider1, Anne I. Michel1, Kyrill S. Rogacev2, Danilo Fliser1, Gunnar H. Heine1, 1Saarland Univ Medical Center, Internal Medicine IV - Nephrology and Hypertension, Homburg, GERMANY, 2Univ Hosp Schleswig-Holstein, Univ Heart Center Luebeck, Medical Clinic II, Luebeck, GERMANY.

**MO005**  
MIR30S REGULATED CALCIUM CALCINEURIN SIGNALING PATHWAY WERE INVOLVED IN ANGII INDUCED PODOCYTE INJURY  
Yue Zhao, Junnan Wu, Xiao Wang, Shaolin Shi, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.
Hypertension experimental

Chairs: Peter J. Blankestijn, Utrecht, The Netherlands
Ulrich O. Wenzel, Hamburg, Germany

Mini lecture
Inflammation, immunity and hypertension
Ulrich O. Wenzel, Hamburg, Germany

FREE COMMUNICATIONS

MO006 EFFECT OF FACTOR Xa INHIBITOR IN HUMAN AORTIC ENDOTHELIAL CELL IN HYPERGLYCEMIC STATUS
Jenq-Shyong Chan1, Tao-Cheng Wu2, Jaw-Wen Chen2, 1Armed Forces Tao-Yuan General Hosp, Div Nephrology, Internal Dept, Taoyuan City, TAIWAN, 2Taipei Veteran General Hosp, Div Cardiology, Taipei, TAIWAN.

MO007 IDENTIFICATION OF THE VASOCONSTRICION INHIBITING FACTOR VIF A POTENT ENDOGENOUS COFACTOR OF ANGIOTENSIN-II ACTING ON THE AT2 RECEPTOR
Vera Jankowsk1, Silvia Salem2, Walter Zidek3, Joachim Jankowski4, 1Univ Hosp RWTH Aachen, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 2Charite, NN, Berlin, GERMANY, 3Charite, Nephrology, Berlin, GERMANY, 4Univ Hosp RWTH, Inst Molecular Cardiovascular Research, Aachen, GERMANY.

MO008 EARLY ANTI HYPERTENSIVE THERAPY IN A MOUSE MODEL OF ACUTE KIDNEY INJURY IS DETRIMENTAL
Robert Greitel1, Rongjun Chen1, Song Rong1, Anja Thorenz1, Jan Hinrich Braesen2, Bennet Hensen3, Martin Meier4, Nils Scherb5, Bruce Hockmo6, Sing Lee6, Dipak Panigrahy7, Hermann Haller1, Katja Hueper3, Faikah Gueller1, 1Medical School Hannover, Nephrology, Hannover, GERMANY, 2Medical School Hannover, Pathology, Hannover, GERMANY, 3Medical School Hannover, Radiology, Hannover, GERMANY, 4Medical School Hannover, Central Animal Facility, Hannover, GERMANY, 5Univ Veterinary Medicine, Inst Food Toxicology and Analytical Chemistry, Hannover, GERMANY, 6Univ California, Dept Entomology and UCD Cancer Center, Davis, CA, 7Havard Medical School, Beth Israel Deaconess Medical Center, Boston, MA.

MO009 EARLY POSTNATAL TREATMENT WITH SOLUBLE EPOXIDE HYDROLASE INHIBITOR AND 15-DEOXY-Δ12,14-PROSTAGANDIN J, PREVENTS PRENATAL DEXAMETHASONE AND POSTNATAL HIGH SATURATED FAT DIET INDUCED PROGRAMMED HYPERTENSION IN ADULT OF-SPRING
You-Lin Tain1, Chien-Ning Hsu2, Li-Tung Huang3, 1Kaohsiung Chang Gung Memorial Hosp, Pediatrics, Kaohsiung, TAIWAN, 2Kaohsiung Chang Gung Memorial Hosp, Pharmacy, Kaohsiung, TAIWAN, 3Kaohsiung Chang Gung Memorial Hosp, Kaohsiung, Taiwan, Pediatrics, Kaohsiung, TAIWAN.
MO010
MATERNAL BLOOD PRESSURE, RENAL FUNCTION AND PLACENTAL DEVELOPMENT ARE AFFECTED IN NORMOTENSIVE FEMALE RATS PREGNANT FROM GENETICALLY HYPERTENSIVE MALES

Gabriela Barrientos1, Ana Uceda1, Alejandro Sgariglia1, Graciela Giardina1, Sandra M. Blois2, Jorge E. Toblli1, 1Hosp Aleman, School Medicine, Univ Buenos Aires, Lab Experimental Medicine, Ciudad Autonoma Buenos Aires, ARGENTINA, 2Charité Univ Medicine, Dept Internal Medicine, Berlin, GERMANY.
ERA-EDTA GENERAL ASSEMBLY

HALL G
09:30 - 10:45

The admission to the General Assembly is strictly reserved to ERA-EDTA Members only. Members should have their ERA-EDTA membership cards to show in order to enter the room for the General Assembly. All ERA-EDTA Members (Full and Associate) can participate with voice during the meeting, however vote is only possible for Full Members.
Scientific Programme

HALL A 10:45 - 11:30

Plenary Lecture 2

Chairs: Jonathan G. Fox, Glasgow, United Kingdom
Karl Lhotta, Feldkirch, Austria

*Is it time for one-person trials?*
Nicholas Schork, La Jolla, U.S.A.

HALL A 11:45-13:15

Symposium 25

*Improving treatment of patients with CKD - Joint symposium ERA-EDTA & ISN (International Society of Nephrology)*

Chairs: Jonathan G. Fox, Glasgow, United Kingdom
David Harris, Sydney, Australia

Strategies to increase the donor pool and access to transplantation
Rainer Oberbauer, Vienna, Austria

International guidelines: how relevant are they in developing countries?
Faiçal Jarraya, Sfax, Tunisia

Newer medications for CKD patients as means to improve outcomes?
Carol Pollock, Sydney, Australia

Variations in care and access to care
Adeera Levin, Vancouver, Canada
HALL D 11:45-13:15

Symposium 26

Lingering questions in CKD

Chairs: Francesca Mallamaci, Reggio Calabria, Italy
       Timothy Meyer, Palo Alto, U.S.A.

Is early nephrology care so important in stage 3b-4 CKD patients?
Goce Spasovski, Skopje, F.Y.R. of Macedonia

Is sleep apnea a really major problem in CKD? Hypotheses and observations
Sydney Tang, Hong Kong, Hong Kong

Pulmonary hypertension in CKD patients: Relevant? Preventable? Treatable?
Davide Bolignano, Reggio Calabria, Italy

Directly acting anti-HCV agents: ready for use in CKD/ESRD?
Michel Jadoul, Brussels, Belgium

HALL E 11:45-13:15

Symposium 27

Renal Replacement Therapy in Europe and in China -
Joint Symposium ERA-EDTA & CSN (Chinese Society of Nephrology)

Chairs: Fan Fan Hou, Guangzhou, P.R. China
        Christoph Wanner, Würzburg, Germany

CKD in China: current and perspective
Xueqing Yu, Guangzhou, P.R. China

Extracorporeal therapies in critical care nephrology: experience from China
Yongchun Ge, Nanjing, P.R. China

European perspective of dialysis based on the ERA-EDTA Registry data
Kitty J. Jager, Amsterdam, The Netherlands

Transplantation data from Europe
Rainer Oberbauer, Vienna, Austria
Scientific Programme

HALL F
11:45-13:15

Symposium 28

Sensing mechanisms in nephrology

Chairs: David Goldsmith, London, United Kingdom
Carsten Wagner, Zurich, Switzerland

Calcium-sensing in the kidney
Pascal Houillier, Paris, France

Phosphate
J. Mariano Rodriguez, Cordoba, Spain

Renal and extrarenal sensing of acid-base
Carsten Wagner, Zurich, Switzerland

Potassium
David Ellison, Portland, U.S.A.
Free Communication Session 15 + Mini Lectures

Dialysis cardiovascular complications 1

Chairs: Vincent Brandenburg, Aachen, Germany
       Petar Kes, Zagreb, Croatia

Mini lecture
Cardiovascular complications in CKD patients - what we have learned during the last 10 years?
Petar Kes, Zagreb, Croatia

FREE COMMUNICATIONS

MO011
SNF472 - A POTENTIAL NOVEL CALCIFICATION INHIBITOR IN CKD-MBD
       Ayshe Hyusein1, Brandenburg Vincent2, Miguel Ferrer3, Ana Z. Canals3, Carolina Salcedo3, Joan Pe-
       rrello3, Jürgen Floege4, Ana Z. Canals3, Carolina Salcedo3, Joan Perrell03, Jürgen Floege4, Nadine Kaesler4, 1Uniklinik Aachen, Dept Nephrology, Aachen, GERMANY, 2Univ Hosp RWTH Aachen, Dept Cardiology, Aachen, GERMANY, 3Laboratoris Sanifit SL, Research and Development Dept, Palma de Mallorca, SPAIN, 4Univ Hosp RWTH Aachen, Dept Nephrology, Aachen, GERMANY.

MO012
MIXED ON LINE HEMODIAFILTRATION MODULATES MICRORNA223 EXPRESSION IN CIRCULATING PLASMA EXTRACELLULAR VESICLES: PROTECTIVE ROLE ON ENDOTHELIAL DYSFUNCTION AND VASCULAR CALCIFICATION IN HEMODIALLYSIS PATIENTS
       Vincenzo Cantaluppi1, Claudia Cavallari2, Valentina Fonsato2, Sergio Dellepiane2, Marita Marengo3, Massimiliano Migliori4, Marco Formica3, Vincenzo Panichi4, Luigi Biancone2, Ciro Tetta5, Emanuele Gatti6, Giovanni Camussi2, 1Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 2Univ Torino, Medical Sciences, Torino, ITALY, 3ASLCN1, Nephrology and Dialysis, Cuneo, ITALY, 4Versilia Hosp, Nephrology and Dialysis, Camaiore (LU), ITALY, 5Fresenius Medical Care, Global Research and Development, Bad Homburg, GERMANY, 6Univ Krems, Health Sciences and Biomedicine, Krems, AUSTRIA.

MO013
THE LONG-TERM EFFECT OF NOCTURNAL HOME HAEMODIALYSIS ON CARDIAC FUNCTION: OUTCOMES OF A 13-YEAR LONGITUDINAL STUDY
       Emily See, Joshua Lun, Rachel Raju, Holly Hutton, Anthony Perkins, John Agar, Barwon Health, Nephrology, Geelong, AUSTRALIA.

Mini lecture
Blood pressure management in patients with CKD
Ivan Rychlik, Prague, Czech Republic
**Scientific Programme**

**HALL C**

11:45-13:15

**Free Communication Session 16 + Mini Lecture**

**Peritoneal dialysis**

Chairs: Philip Li, Hong Kong, Hong Kong  
Alena Parikova, Prague, Czech Republic

**Mini lecture**

Peritoneal dialysis - what is new in 2016?  
Monika Lichodziejewska-Niemierko, Gdańsk, Poland

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**FREE COMMUNICATIONS**

**MO014**  
ALANYL-GLUTAMINE ADDITION TO BIOCOMPATIBLE PERITONEAL DIALYSIS FLUID MODULATES IL 1 AND IL 6 SIGNALING IN PERITONEAL EFFLUENT CELLS  
**Rebecca Herzog**, 1,2,3 Klaus Kratochwill1, Manoj Bhasin4, Seth L. Alper4, Christoph Aufricht1, Andreas Vychytil5, 1Medical Univ Vienna, Pediatric Nephrology, Vienna, AUSTRIA, 2Christian Doppler Lab Molecular Stress Research in Peritoneal Dialysis, Medical Univ Vienna, Vienna, AUSTRIA, 3Zytoprotec, Research, Vienna, AUSTRIA, 4Harvard Medical School, Beth Israel Deaconess Medical Center, Boston, MA, 5Medical Univ Vienna, Dept Medicine III, Div Nephrology and Dialysis, Vienna, AUSTRIA.

**MO015**  
EVIDENCE FOR IMMUNOMODULATORY EFFECTS OF PERITONEAL ALANYL-GLUTAMINE IN CLINICAL PERITONEAL DIALYSIS DETECTED BY A NOVEL HIGH PERFORMANCE PROTEOMICS BIOMARKER APPROACH  
**Klaus Kratochwill**, 1,2, Rebecca Herzog1,2,3, Anja Wagner2, Markus Unterwurzacher2, Katja Parapatics4, Anton Lichtenauer3, Peter Majek4, Keiryn Bennet4, Christoph Aufricht1, Andreas Vychytil5, 1Medical Univ Vienna, Pediatric Nephrology, Vienna, AUSTRIA, 2Christian Doppler Lab Molecular Stress Research in Peritoneal Dialysis, Medical Univ Vienna, Vienna, AUSTRIA, 3Zytoprotec, Research, Vienna, AUSTRIA, 4CeMM Research Center Molecular Medicine Austrian Academy of Sciences, Mass Spectrometry, Vienna, AUSTRIA, 5Medical Univ Vienna, Dept Medicine III, Div Nephrology and Dialysis, Vienna, AUSTRIA.

**MO016**  
PROTEIN KINASE C-BETA PREVENTS PRO-INFLAMMATORY CELLULAR AND CYTOKINE RESPONSE PATTERNS IN A GLUCOSE-MEDIATED, CATHETER-BASED IN VIVO PD MOUSE MODEL  
**Michael S. Balzer**, Song Rong, Sibylle von Vietinghoff, Barbara Hertel, Hermann Haller, Nelli Shushakova, Hannover Medical School, Div Nephrology and Hypertension, Hannover, GERMANY.

**MO017**  
TGF-β-VEGF-A PATHWAY INDUCES NEOANGIOGENESIS IN PERITONEAL FIBROSIS OF PERITONEAL DIALYSIS  
**Tetsuyoshi Kariya**, Yasuhiko Ito, Masashi Mizuno, Yasuhiro Suzuki, Fumiko Sakata, Takeshi Terabayashi, Takako Ishii, Mitsuhiro Tawada, Daiki Iguchi, Shochi Maruyama, Seiichi Matsuo, Nagoya Univ, Nephrology, Nagoya, JAPAN.
MO018
ADAPTIVE REGIME OF CONTINUOUS AMBULATORY PERITONEAL DIALYSIS
Evgeny Shutov1, Alina Isachkina2, 1Clinical Hosp named after S.P. Botkin, Nephrology, Moscow, RUSSIAN FEDERATION, 2North-Western State Medical Univ named after I.I.Mechnikov, Therapy, Saint-Petersburg, RUSSIAN FEDERATION.
Scientific Programme

HALL G       11:45-13:15

Free Communication Session 17 + Mini Lecture

Transplantation clinical 2

Chairs: Karsten Midtvedt, Oslo, Norway
        Ondrej Viklicky, Prague, Czech Republic

Mini lecture
Challenges of transplant rejection diagnosis
Kerstin Amann, Erlangen, Germany

FREE COMMUNICATIONS

MO019
HIGH PERIPHERAL TRANSITIONAL B CELLS AND HIGH EXPRESSION OF B CELL ASSOCIATED GENES IN PERIPHERAL BLOOD AT 3 MONTHS AFTER KIDNEY TRANSPLANTATION: IDENTIFICATION OF LOW RISK PHENOTYPE

Petra Hruba1, Veronika Svachova2, Zdenek Krejcik3, Viktor Stranecky4, Alena Sekerkova2, Eva Honsova5, Ilja Striz2, Ondrej Viklicky1,6, 1Inst Clinical and Experimental Medicine, Transplant Laboratory, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Dept Clinical and Transplant Immunology, Prague, CZECH REPUBLIC, 3Inst Hematology and Blood Transfusion, Inst Hematology and Blood Transfusion, Prague, CZECH REPUBLIC, 4Inst Inherited Metabolic Disorders, Inst Inherited Metabolic Disorders, Prague, CZECH REPUBLIC, 5Inst Clinical and Experimental Medicine, Dept Clinical and Transplant Pathology, Prague, CZECH REPUBLIC, 6Inst Clinical and Experimental Medicine, Dept Nephrology and Transplant Center, Prague, CZECH REPUBLIC.

MO020
CHYMASE AND NEPRILYSIN ARE KEY REGULATORS OF THE CLASSICAL AND ALTERNATIVE RENIN ANGIOTENSIN SYSTEM (RAS) AFTER KIDNEY TRANSPLANTATION: IMPLICATIONS FOR RAS BLOCKING THERAPY

Johannes J. Kovarik1, Christopher C. Kaltenecker1, Oliver Domenig1, Chantal Kopecky1, Marlies Antlanger1, Marko Poglichtsch2, Renate Kain3, Farsad Eskandary1, Georg A. Böhmig1, Marcus D. Säemann1, 1Medical Univ Vienna, Dept Internal Medicine III, Clinical Div Nephrology and Dialysis, Vienna, AUSTRIA, 2Attoquant Diagnostics GmbH, Vienna, AUSTRIA, 3Medical Univ Vienna, Dept Pathology, Vienna, AUSTRIA.

MO021
INCREASED CD8+CD28null CELL FREQUENCIES AS A ROBUST MARKER OF IMMUNOSENESCENCE ARE ASSOCIATED WITH NEUTROPHIL DYSFUNCTION AND INCREASED RISK OF INFECTION FOLLOWING KIDNEY TRANSPLANTATION

Shazia Shabir1, Kaul Baksho2,3, Helen Smith3, Anette Pachnio2, Ball Simon1, Harper Lorraine3, Borrows Richard1, 1New Queen Elizabeth Hosp, Dept Nephrology and Kidney Transplantation, Birmingham, UK, 2Univ Birmingham, School Cancer Sciences, Birmingham, UK, 3Univ Birmingham, Centre Translational Inflammation Research, Birmingham, UK.
MO022
IMMUNOLOGIC OUTCOME AFTER KIDNEY TRANSPLANTATION DEPENDS ON DONOR FACTORS AND DECEASED DONOR KIDNEY ASSOCIATED RISK ASSESSED BY THE KIDNEY DONOR PROFILE INDEX (KDPI)
Oliver Staeck, Dmytro Khadzhynov, Anna Kleinsteuber, Lukas Lehner, Michael Duerr, Klemens Budde, Fabian Halleck, Charité Universitätsmedizin, Nephrology, Berlin, GERMANY.

MO023
MALIGNANCIES CONTRIBUTE TO PRESENSITIZATION WITH ALLOREACTIVE T-CELLS PRIOR TO TRANSPLANTATION
Thomas Schachtner1,2, Maik Stein2, Petra Reinke1,2, 1Charité Univ Medicine Berlin, Nephrology and Internal Intensive Care, Berlin, GERMANY, 2Charité Univ Medicine Berlin, Berlin-Brandenburg Center Regenerative Therapies, Berlin, GERMANY.
**HALL K   11:45-13:15**

**Free Communication Session 18 + Mini Lecture**

**CKD progression**

Chairs: **Gunnar Heine**, Homburg/Saar, Germany  
**Olivera Stojceva-Taneva**, Skopje, F.Y.R. of Macedonia

**Mini lecture**  
Interventions to reduce progression of CKD - what is the evidence?  
**John Feehally**, Leicester, United Kingdom

**FREE COMMUNICATIONS**

**MO024**  
**URINARY PEPTIDE BIOMARKERS ASSOCIATED WITH IMPROVEMENT IN eGFR IN CKD PATIENTS**  
**Katerina Markoska**, Martin Pechinovski, Claudia Pontillo, Petra Zürbig, Mohammed Dakna, Jelka Masin-Spasovska, Olivera Stojceva-Taneva, Harald Mischak, Goce Spasovski, Fac Medicine, Dept Nephrology, Skopje, F.Y.R. of MACEDONIA, 2Mosaïques Diagnostics, GmbH, Hannover, GERMANY.

**MO025**  
**NON-INVASIVE MOLECULAR IMAGING OF KIDNEY FIBROSIS**  
Josef Ehling, Barbara M. Klinkhammer, Qinxue Sun, Maike Baues, Fabian Kiessling, Jürgen Floege, Twan Lammers, **Peter Boor**, 1RWTH Aachen Univ, Inst Pathology, Aachen, GERMANY, 2RWTH Aachen Univ, Dept Experimental Molecular Imaging, Aachen, GERMANY, 3RWTH Aachen Univ, Dept Nephrology, Aachen, GERMANY.

**MO026**  
**A URINARY PROTEOME-BASED CLASSIFIER FOR THE EARLY DETECTION OF DECLINE IN GLOMERULAR FILTRATION**  

**MO027**  
**URINARY UROMODULIN AND COLLAGEN IV COMPLEX REFLECTS THE SEVERITY OF RENAL IMPAIRMENT IN CHRONIC GLOMERULONEPHRITIS PATIENTS**  
**Mikhail Shvetsov**, Zheng Antai, Lidia Kozlovskaya, Anna Serova, Nikolay Mukhin, 1I.M. Sechenov First Moscow State Medical Univ, Dept and Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2M.V. Lomonosov Moscow State Univ, Fac Fundamental Medicine, Moscow, RUSSIAN FEDERATION, 3I.M. Sechenov First Moscow State Medical Univ, Dept Internal Medicine and Occupational Diseases, Moscow, RUSSIAN FEDERATION, 4I.M. Sechenov First Moscow State Medical Univ, Dept Immunology, Moscow, RUSSIAN FEDERATION.
MO028
PROGRESSIVE IGA NEPHROPATHY AND DEFECTIVE COMPLEMENT INHIBITOR CD46 MRNA EXPRESSION
Rosanna Coppo1, Licia Peruzzi2, Elisa Loiacono2, Massimiliano Bergallo3, Maria Luisa Russo4, Alessandro Amore2, Sigrid Lundberg5, Dita Maixnerova6, Vladimir Tesar6, Agnieszka Perkowska-Ptasińska7, Dimitris Goumenos8, Miltiadis Gerolymos8, Kresimir Galesic9, Luka Toric9, Aikaterini Papagianni10, Maria Stangou10, Malgorzata Mizerska-Wasiak11, Loreto Gesualdo12, Eustachio Montemurro12, Luisa Benozzi13, Stefano Cusinato13, Tomas Hryszko14, Magdalena Krajewska15, Alexandra Krutova16, for VALIGA Immunonephrology WG ERA-EDTA, 1VALIGA, ERA-EDTA, Immunonephrology WG, ITALY, 2R Margherita H, Nephrol Dial Transpl, Turin, ITALY, 3Univ, Pediatrics, Turin, ITALY, 4VALIGA, ITALY, 5Karolinska Univ, Nephrol, Stockholm, SWEDEN, 6Gen Univ Hosp, Nephrol, Prague, CZECH REPUBLIC, 7Warsaw Univ, Transpl Med and Nephrol, Warsaw, POLAND, 8Univ H, Nephrol, Patras, GREECE, 9Univ H Dubrava, Nephrol, Zagreb, CROATIA, 10Aristotele Univ, Nephrol, Thessaloniki, GREECE, 11Univ Hosp, Pediatrics, Warsaw, POLAND, 12Univ Bari, Nephrol Emerg and Transplant, Bari, ITALY, 13Borgomanero H, Nephrol, No, ITALY, 14Univ Bialystok, Nephrol Transpl, Bialystok, POLAND, 15Univ Wroclaw, Nephrol Transplant, Wroclaw, POLAND, 16Univ H, Vladivostock, RUSSIAN FEDERATION.
Scientific Programme

HALL A 15:15-16:45

Symposium 29

_The gut-renal axis_

Chairs: Andreas Kronbichler, Innsbruck, Austria
Michael Rudnicki, Innsbruck, Austria

The gut microbiome in health and CKD
Pieter Evenepoel, Leuven, Belgium

Targeting gut-derived uremic toxins
Timothy Meyer, Palo Alto, U.S.A.

The nasal microbiome in granulomatosis with polyangiitis
Andreas Kronbichler, Innsbruck, Austria

IgAn and microbiota
Loreto Gesualdo, Bari, Italy

HALL D 15:15-16:45

Symposium 30

_Joint Symposium ERA-EDTA & JSN (Japanese Society of Nephrology)_

Chairs: Masaomi Nangaku, Tokyo, Japan
Andrzej Więcek, Katowice, Poland

The mechanisms of AKI to CKD continuum
Motoko Yanagita, Kyoto, Japan

Outcome of CKD-MBD: pathophysiology and management
Masafumi Fukagawa, Isehara, Japan

Biomarkers of progressive renal disease - are we looking for the right ones?
Gert Mayer, Innsbruck, Austria

Lipoproteins and outcome in CKD - the other view
Danilo Fliser, Homburg/Saar, Germany
HALL E  15:15-16:45

Symposium 31

**DGF: how to prevent it?**

Chairs: Daniel Abramowicz, Antwerp, Belgium
        Magdalena Durlik, Warsaw, Poland

Intrarenal molecular events after death
Alberto Ortiz, Madrid, Spain

Integralational aspects of DGF - towards a rational treatment
Rainer Oberbauer, Vienna, Austria

Machine perfusion to preserve or to resuscitate: where are we today?
Ina Jochmans, Leuven, Belgium

Ischemic pre-conditioning in kidney transplantation outcomes: is time for a trial?
Daniel Abramowicz, Antwerp, Belgium

HALL F  15:15-16:45

Symposium 32

**AKI - pathophysiology and definition**

Chairs: Achim Joerres, Cologne, Germany
        Norbert Lameire, Ghent, Belgium

Biomarkers as a tool to understand pathophysiology of AKI
Jill Vanmassenhove, Ghent, Belgium

Looking through RIFLE, AKIN and KDIGO glasses: do we see the same?
Marlies Ostermann, London, United Kingdom

Acute intestinal nephritis: an overlooked cause of AKI?
Manuel Praga, Madrid, Spain

CKD imposed on AKI and vice versa
Mehmet Sukru Sever, Istanbul, Turkey
Scientific Programme

HALL B 15:15-16:45

Free Communication Session 19 + Mini Lecture

CKD epidemiology

Chairs: Friedrich Port, Ann Arbor, U.S.A.
Bénédicte Stengel, Villejuif, France

Mini lecture
How valid are surrogate endpoints in nephrology research?
Carmine Zoccali, Reggio Calabria, Italy

FREE COMMUNICATIONS

MO029
LONG TERM, BUT NOT SHORT TERM, BLOOD PRESSURE VARIABILITY PREDICTS CARDIOVASCULAR OUTCOMES IN CHRONIC KIDNEY DISEASE PATIENTS
Francesca Mallamaci1, Roberto Minutolo2, Giovanna Stanziione2, Graziella D’Arrigo1, Daniela Leonardi1, Giovanni Tripepi1, Teresa Cicchetti3, Maurizio Postorino1, Luca De Nicola2, Giuseppe Conte2, Silvio Borrelli2, Carmine Zoccali1, 1CNR, CNR-IFC and Nephrol Dial Transplant Unit, Reggio Calabria, ITALY, 2Second Univ, Nephrology Dept, Naples, ITALY, 3ASP, Nephrology Unit Rossano, Rossano, ITALY.

MO030
CLINICAL EPIDEMIOLOGY, TREATMENT & SURVIVAL OF YOUNG ADULTS STARTING RENAL REPLACEMENT THERAPY IN THE UK USING 15 YEARS OF UK RENAL REGISTRY DATA
Alexander J. Hamilton1, Anna Casula2, Yoav Ben-Shlomo1, Fergus J. Caskey3, Carol D. Inward4, 1Univ Bristol, SSCM, Bristol, UK, 2UK Renal Registry, Statistics, Bristol, UK, 3UK Renal Registry, SMT, Bristol, UK, 4Bristol Royal Hosp Children, Nephrology, Bristol, UK.

MO031
IS THE INCIDENCE OF RENAL REPLACEMENT THERAPY IN WESTERNIZED COUNTRIES DECLINING?
Vicky De Meyer1, Johan De Meester2,3, Frédéric Collart4,5, Jean-Louis Bosmans1, Daniel Abramowicz1, 1Antwerp Univ Hosp, Nephrology and hypertension, Edegem, BELGIUM, 2AZ Nikolaas, Nephrology, Sint Niklaas, BELGIUM, 3NBVN, Registry commity, Edegem, BELGIUM, 4CHAN Bbrugmann, Nephrology, Brussels, BELGIUM, 5GNFB, Registry commity, Anderlecht, BELGIUM.

MO032
CKD REMISSION IN A PROSPECTIVE COHORT OF PEOPLE WITH CKD STAGE 3 RECRUITED FROM PRIMARY CARE
Adam Shardlow1,2, Natasha J. McIntyre1, Richard J. Fluck1, Chris W. McIntyre3, Maarten W. Tal1,2, 1Royal Derby Hosp, Renal Medicine, Derby, UK, 2Univ Nottingham, Div Medical Sciences and Graduate Entry Medicine, Nottingham, UK, 3Univ Western Ontario, Schulich School Medicine and Dentistry, London, ON, CANADA.

MO033
EVOLUTION OF RENAL FUNCTION IN A LARGE COHORT OF HIV POSITIVE PATIENTS TREATED WITH HIGHLY ACTIVE ANTIRETROVIRAL THERAPY: A RETROSPECTIVE COHORT STUDY
Nesrine Lamine1, Maria Garjau1, Marc Delforge2, Stéphane De Wit3, Karl M. Wissing3, 1CHU Brugmann, Nephrology, Brussels, BELGIUM, 2CHU St Pierre, Infectious Diseases, Brussels, BELGIUM, 3CHU Brugmann/UZ Brussel, Nephrology, Brussels, BELGIUM.
HALL C       15:15-16:45

Free Communication Session 20 + Mini Lecture

Vascular access

Chairs: Carlo Basile, Acquaviva delle Fonti, Italy
Marko Malovrh, Ljubljana, Slovenia

Mini lecture
Haemodynamic modifications induced by dialysis vascular access
Carlo Basile, Acquaviva delle Fonti, Italy

FREE COMMUNICATIONS

MO034
A RANDOMISED CONTROLLED TRIAL OF TAUROLIDINE CITRATE VERSUS TAUROLIDINE UROKINASE LOCK TO PREVENT TUNNELLED CATHETER THROMBOSIS IN HEMODIALYSIS PATIENTS
Fadwa Alali1, Ashraf Fawzy2, Mohamed Elsayed1, Ahmad Hamdy1, Zafar Mohammad1, Rania Ibrahim1, Aisha Abdulla1, Hoda Tolba1, Abdullah Hamad1, 1Hamad General Hosp, Nephrology, Doha, QATAR, 2Hamad General Hosp, Internal Medicine, Doha, QATAR.

MO035
A NOVEL TAUROLIDINE CONTAINING CATHETER LOCK SOLUTION (CLS) WITHOUT REPORTED ANTIMICROBIAL RESISTANCE, REDUCE THE RATES OF INFECTION AND THROMBOSIS IN HEMODIALYSIS PATIENTS ENROLLED IN A POST-APPROVAL SURVEILLANCE STUDY
Christoph Wanner1, Thilo Menzer2, Marcel Peuters3, Markus Knittel4, Antony Pfaffle5, Markus Hollenbeck6, 1Univ Hosp, Div Nephrology, Wuerzburg, GERMANY, 2Dialysepraxis Menzer Ärztetehaus am Obertor, Nephrology, Homberg, GERMANY, 3GDG Gemeinnützige Dialyse-Gesellschaft am St.-Josef KH GmbH, Nephrology, Leverkusen, GERMANY, 4Fachinternistische Gemeinschaftspraxis, Nephrology, Witten, GERMANY, 5CorMedix Inc., Clinical Operations, Bedminster, NJ, 6Knappschaftskrankenhaus Bottrop GmbH, Dept Nephrology and KfH Kidney Center, Bottrop, GERMANY.

MO036
A FRAMEWORK FOR TARGETING QUALITY IMPROVEMENT IN HAEMODIALYSIS VASCULAR ACCESS
Sokratis Stoumpos1, Eleanor C. Murray2, David B. Kingsmore1, Ram Kasthuri3, Peter C. Thomson1, 1Queen Elizabeth Univ Hosp, Renal & Transplant Unit, Glasgow, UK, 2Queen Elizabeth Univ Hosp, Glasgow, UK, 3Queen Elizabeth Univ Hosp, Dept Radiology, Glasgow, UK.

MO037
CENTER-RELATED FACTORS ASSOCIATED WITH VASCULAR ACCESS USE IN GERMANY
Gero von Gersdorff1, Mathias Schaller1, Dieter Bach2, Markus Hollenbeck3, 1Univ Cologne Medical Center, Dept Medicine II - QiN-group, Cologne, GERMANY, 2KIH-Kuratorium Dialyse und Nierentransplantation, Neu-Isenburg, GERMANY, 3Knappschaftskrankenhaus, KfH Nierenzentrum, Bottrop, GERMANY.

MO038
MEASUREMENT OF PERIPHERAL BLOOD FLOW CHANGES USING A VIDEO IMAGE PROCESSING TECHNIQUE IN HEMODIALYSIS PATIENTS
Schantel Williams1, Israel Campos1, Jie Ma1, Viviane Calice-Silva2, Peter Kotanko1,3, Fansan Zhu1, 1Renal Research Inst, Research, New York, NY, 2Pontificia Univ Católica do Paraná, Nephrology, Curitiba, BRAZIL, 3Icahn School Medicine, Nephrology, New York, NY.
**Scientific Programme**

**HALL G**  
**15:15-16:45**

**Free Communication Session 21 + Mini Lecture**

**Glomerulonephritis: clinical and experimental 1**

Chairs: **Inga A. Bumblyte**, Kaunas, Lithuania  
**Claudio Ponticelli**, Milan, Italy

**Mini lecture**

The value of kidney biopsy for the choice of therapy in patients with chronic GN  
**Loreto Gesualdo**, Bari, Italy

**FREE COMMUNICATIONS**

* **MO039**  
SUCCESSFUL STEROID REPLACEMENT IN ANCA-ASSOCIATED VASCULITIS WITH C5A RECEPTOR INHIBITOR CCX168 IN PHASE 2 RANDOMISED TRIAL (CLEAR)  
**David Jayne1**, Annette Bruchfeld2, Lorraine Harper3, Matthias Schaier4, Michael Venning5, Patrick Hamilton5, Volker Burst6, Franziska Grundman6, Michel Jadoul7, Istvan Szombati8, Vladimir Tesar9, Mårten Segemark10, Antonia Potarca11, Thomas J. Schall12, Pirow Bekker13, 1Unit Cambridge, Medicine, Cambridge, UK, 2Karolinska Inst, Nephrology, Stockholm, SWEDEN, 3Unit Birmingham, Nephrology, Birmingham, UK, 4Univ Hosp Heidelberg, Nephrology, Heidelberg, GERMANY, 5Manchester Univ, Renal Medicine, Manchester, UK, 6Unit Cologne, Nephrology, Cologne, GERMANY, 7Cliniques Saint-Luc, Nephrology, Leuven, BELGIUM, 8Budaclinic, Nephrology, Budapest, HUNGARY, 9Charles Univ, Nephrology, Prague, CZECH REPUBLIC, 10Linköping Univ, Nephrology, Linköping, SWEDEN, 11ChemoCentryx, Clinical Operations, Mountain View, CA, 12ChemoCentryx, R&D, Mountain View, CA, 13ChemoCentryx, Medical and Clinical Affairs, Mountain View, CA.

**MO040**  
ASSOCIATION OF A TNFSF13B (BAFF) REGULATORY REGION SINGLE NUCLEOTIDE POLYMORPHISMS WITH RESPONSE TO RITUXIMAB IN ANCA-ASSOCIATED VASCULITIS  
**Federico Alberici1,2,3, Rona Smith2, Mariana Fonseca2, Lisa Willcocks2, Rachel Jones2, Julia Holle4, Stefan Wieczorek5, Thomas Neumann6, Davide Martorana7, Gina Gregorini8, Renato A. Sinico1, Annette Bruchfeld9, Iva Gunnarsson10, Sophie Ohlsson11, Bo Baslund12, Vladimir Tesar13, Zdenka Hruskova13, Maria Cid14, Augusto Vaglio15, Paul Lyons2, Ken Smith2, David Jayne2, 1San Carlo Borromeo Hosp, Renal Dept, Milano, ITALY, 2Univ Cambridge, Dept Medicine, Cambridge, UK, 3Univ Parma, Dept Experimental Medicine, Parma, ITALY, 4Klinikum Bad Bramstedt, Dept Rheumatology, Bad Bramstedt, GERMANY, 5Ruhr-Univ Bochum, Dept Human Genetics, Bochum, GERMANY, 6Jena Univ-Hosp, Dept Internal Medicine III, Jena, GERMANY, 7Univ Hosp Parma, Medical Genetics Unit, Parma, ITALY, 8A.O. Spedali Civili, Dept Nephrology, Brescia, ITALY, 9Karolinska Inst, Dept Renal Medicine, Stockholm, SWEDEN, 10Karolinska Inst, Dept Medicine, Stockholm, SWEDEN, 11Skane Univ Hosp, Dept Nephrology and Transplantation, Goteborg, SWEDEN, 12RigsHosp, Dept Infectious Diseases and Rheumatology, Copenhagen, DENMARK, 13Charles Univ, Dept Nephrology, Prague, CZECH REPUBLIC, 14Hospital Clinic, Vasculitis Research Unit, Barcelona, SPAIN, 15Univ Hosp Parma, Dept Nephrology, Parma, ITALY.
IMMUNOPROTEASOME PSMB8 MRNA EXPRESSION IS CORRELATED WITH ANNUAL LOSS OF GLOMERULAR FILTRATION RATE (EGFR SLOPE) IN IgAN PATIENTS ENROLLED IN VALIGA STUDY

Licia Peruzzi, Elisa Loiacono1, Maria Luisa Russo2, Alessandro Amore1, Sigrid Lundberg3, Dita Maixnerova4, Vladimir Tesar4, Agnieszka Perkowska-Ptasniska5, Dimitris Goumenos6, Miltiadis Gergylimos6, Kresimir Galesic7, Luka Toric7, Aikaterini Papagianaki8, Maria Stangou8, Malgorzata Mizierska-Wasiak9, Loreto Gesualdo10, Eustachio Montemurno10, Stefano Cusinato11, Luisa Benozzi11, Tomasz Hryszyko12, Dorota Kaminska13, Magdalena Krajewska13, Alexandra Krutova14, Rosanna Coppo15, for VALIGA Immunonephrology WG. ERA EDTA, 1R Margherita H, Nephrol Dial Transpl, Turin, ITALY, 2VALIGA, Turin, ITALY, 3Karolinska Univ, Nephrol, Stockholm, SWEDEN, 4Gen Univ Hosp, Nephrol, Prague, CZECH REPUBLIC, 5Warsaw Univ, Transpl Med and Nephrol, Warsaw, POLAND, 6Univ H, Nephrol, Patras, GREECE, 7Univ H Dubrava, Nephrol, Zagreb, CROATIA, 8Aristotele Univ, Nephrol, Thessaloniki, GREECE, 9Univ H, Pediatrics, Warsaw, POLAND, 10Univ Bari, Nephrol Emerg and Transplant, Bari, ITALY, 11Borgomanero H, Nephrol, No, ITALY, 12Univ Bialystok, Nephrol, Bialystok, POLAND, 13Univ Wroclaw, Nephrol and Transplant, Wroclaw, POLAND, 14Univ H, Vladivostock, RUSSIAN FEDERATION, 15VALIGA, ERA EDTA, Immunonephrology Working Group, ITALY.

VALIDATION OF THE 2010 HISTOPATHOLOGIC CLASSIFICATION OF ANCA ASSOCIATED GLOMERULONEPHRITIS IN A SPANISH COHORT

H Marco1, X Fulladosa2, G Fernandez-Juárez3, L Quintana4, N Martin5, R Garcia-Osuna6, C Cabrera7, D Martin8, A Balius9, A Saurina10, M Praga11, J Ballarin12, M Diaz-Encarnacion.12,13, 1Germans Trias i Pujol, Nephrology, Badalona, SPAIN, 2Bellvitge, Nephrology, Barcelona, SPAIN, 3Fundación Alcorcón, Nephrology, Madrid, SPAIN, 4Clinic, Nephrology, Barcelona, SPAIN, 5Fundación Althaia, Nephrology, Manresa, SPAIN, 6Palamos, Nephrology, Girona, SPAIN, 7Joan XXIII, Nephrology, Tarragona, SPAIN, 8de Povniere, Nephrology, Almeria, SPAIN, 9Fundación Althaia, Nephrology, Manresa, SPAIN, 10Terrassa, Nephrology, Terrassa, SPAIN, 11Hosp 12 de Octubre, Nephrology, Madrid, SPAIN, 12Fundacio Puigvert, Nephrology, Barcelona, SPAIN, 13Spanish Group Study of Glomerular Disease, Glosen, Glosen, SPAIN.
**Scientific Programme**

**HALL K**

15:15-16:45

**Free Communication Session 22 + Mini Lecture**

**Cell signalling 2**

Chairs: **David Ellison**, Portland, U.S.A.  
**Johann Morelle**, Brussels, Belgium

**Mini lecture**

Fundamental mechanisms of osmosis - revisited  
**Johann Morelle**, Brussels, Belgium

**FREE COMMUNICATIONS**

**MO044**  
INHIBIN A AND DECORIN SECRETED BY ADULT RENAL STEM/PROGENITOR CELLS THROUGH THE TLR2 ENGAGEMENT INDUCE RENAL TUBULAR CELL REGENERATION  
**Fabio Sallustio**1,2, Alessandra Aloisi3, Claudia Curci2, Chiara Cristina Toma3,4, Elisabetta Marulli3,4, Grazia Serino5, Sharon Natasha Cox1, Giuseppe De Palma2, Rosaria Rinaldi3,4, Francesco Paolo Schena2, 1Univ Bari, DETO, Bari, ITALY, 2C.A.R.S.O. Consortium, BiolMol, Valenzano, ITALY, 3CNR, ECMT, Lecce, ITALY, 4Univ Salento, Mathematics and Physics E. De Giorgi, Lecce, ITALY, 5IRCCS de Bellis

**MO045**  
LONG NONCODING RNA IN PATIENTS AFTER RENAL TRANSPLANTATION  
**Shengqiang Xia**1, Florian Thilo2, **Martin Tepel**3, 1Univ Southern Denmark, Inst Molecular Medicine, Odense, DENMARK, 2Univ Greifswald, Nephrology, Greifswald, GERMANY, 3Odense Univ Hospital, Nephrology, Odense, DENMARK.

**MO046**  
NON-ACTIVATABLE MUTANT OF INHIBITOR OF KAPPA B KINASE α (IKKα) EXERTS SITE-SPECIFIC EFFECTS ONATHEROSCLEROSIS  
Pathricia V. Tilstam1, Wendy Theelen2, Setareh Alampour-Sarabi2, Lukas Pawig2, Yaw Asare3, Yvonne Döring4, Menno P. J. de Winther5, Toby Lawrence6, Alma Zernecke7, Jürgen Bernhagen3, Andreas Schober4, Joachim Jankowski2, Christian Weber4, **Heidi Noels**2, 1Yale Univ School Medicine, Internal Medicine-Rheumatology, New Haven, CT, 2RWTH Aachen Univ, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 3Klinikum Univ München, Inst Stroke and Dementia Research, München, GERMANY, 4LMU München, Inst Cardiovascular Prevention, München, GERMANY, 5Univ Amsterdam, Dept Medical Biochemistry, Academic Medical Center, Amsterdam, NETHERLANDS, 6Aix-Marseille Univ, Centre Immunologie Marseille-Luminy, Marseille, FRANCE, 7Univ Hosp Würzburg, Inst Clinical Biochemistry and Pathobiochemistry, Würzburg, GERMANY.

**MO047**  
MEGALIN/CUBILIN-LYSOSOME-MEDIATED ALBUMIN REABSORPTION IS INVOLVED IN THE TUBULAR CELL ACTIVATION OF NLRP3 INFLAMMASOME AND TUBULOINTERSTITITAL INFLAMMATION  
**Dan Liu**, Bi-Cheng Liu, Inst Nephrology, Zhong Da Hosp, Southeast Univ, Nanjing, CHINA.

**MO048**  
EXTRACELLULAR SIGNAL REGULATED KINASE-1/2 AND -5 SIGNALING PATHWAYS VIA RE-NIN ANGIOTENSIN SYSTEM ACTIVATION PLAY DIFFERENTIAL REGULATORY ROLES IN PROGRESSIVE GLOMERULONEPHRITIS  
**Takashi Nagai**, Maki Urushihara, Yukiko Kinoshita, Jamba Ariunbold, Shuji Kondo, Shoji Kagami, Inst Biomedical Sciences Tokushima Univ Graduate School, Dept Pediatrics, Tokushima, JAPAN.
Symposium 33

The Dialysis Outcomes and Practice Patterns Study (DOPPS) Program: Celebrating 20 Years and Looking Ahead

Chairs: Friedrich Port, Ann Arbor, U.S.A.
Bruce Robinson, Ann Arbor, U.S.A.

The DOPPS Program continues to grow and invites collaborators
Francesca Tentori, Ann Arbor, U.S.A.

Key lessons from the first 20 years of DOPPS
Michel Jadoul, Brussels, Belgium

Guideline adherence and drug prescription in EURODOPPS - Findings from the first proposal call
Sophie Liabeuf, Amiens, France

CKDopps: Improving outcomes in advanced CKD and the transition to dialysis
Ziad Massy, Paris, France

PDOPPS: the largest international study of PD practices
Simon Davies, Stoke-On-Trent, United Kingdom

Panel discussion
### Scientific Programme

**HALL D**

**Symposium 34**

*Whole person care in nephrology*

Chairs: Christopher T. Chan, Toronto, Canada
Mehmet Sukru Sever, Istanbul, Turkey

- Uremic pruritus and xerosis
  Jacek C. Szepietowski, Wroclaw, Poland

- The future impact of schistosomal nephropathies
  Rashad Barsoum, Cairo, Egypt

- Fatigue in haemodialysis patients
  Maurizio Bossola, Rome, Italy

- Psychological care of patients with CKD: opportunities for relationship-centered care
  Marta Novak, Toronto, Canada

**HALL E**

**Symposium 35**

*Renal fibrosis: new insights*

Chairs: Hans-Joachim Anders, Munich, Germany
Zdenka Hruskova, Prague, Czech Republic

- Perivascular progenitors, Hedgehog signaling and kidney fibrosis
  Rafael Kramann, Aachen, Germany

- The role of microvascular endothelium in progressive kidney disease
  Bernd Hohenstein, Dresden, Germany

- New mediators of renal fibrosis, or the road to therapy
  Christos Chatziantoniou, Paris, France

- Established mediators of renal fibrosis – where are the clinical trials?
  Roel Goldschmeding, Utrecht, The Netherlands
Symposium 36

**Lipids in nephrology**

Chairs: **Kurt Derfler**, Vienna, Austria  
**Erich Pohanka**, Linz, Austria

- Lipoproteins in Nephrology: clinical importance and therapeutic options  
  **Kurt Derfler**, Vienna, Austria

- Lipid homeostasis in CKD: Focus on HDL cholesterol  
  **Marcus Säemann**, Vienna, Austria

- Lipid lowering in CKD: yes, no, maybe  
  **Christoph Wanner**, Würzburg, Germany

- Lipids and CKD progression: myth or reality?  
  **Alexander Rosenkranz**, Graz, Austria
Scientific Programme

HALL B       17:00-18:30

Free Communication Session 23 + Mini Lecture

Renal inflammation and regeneration

Chairs: Paola Romagnani, Florence, Italy
        Gamal Saadi, Cairo, Egypt

Mini lecture
Role of stem cells in kidney regeneration
Michal Chmielewski, Gdansk, Poland

FREE COMMUNICATIONS

MO049
A NOVEL BIOPOLYMER-DELIVERED VEGF FOR THERAPEUTIC ANGIOGENESIS IN RENOVASULAR DISEASE: TARGETING THE KIDNEY VIA SYSTEMIC ADMINISTRATION
Alejandro R. Chade1, Luke J. Vincent2, Gene L. Bidwell, III, 1Univ Mississippi Medical Center, Physiology and Biophysics, Medicine, and Radiology, Jackson, MS, 2Univ Mississippi Medical Center, Physiology and Biophysics, Jackson, MS, 3Univ Mississippi Medical Center, Neurology, and Biochemistry, Jackson, MS.

MO050
MESENCHYMAL STEM CELL-DERIVED EXTRACELLULAR VESICLES ATTENUATE RENAL INJURY IN SWINE METABOLIC SYNDROME AND RENOVASULAR DISEASE
Sreela Jonnada1, Alfonso Eirin1, Xiang-Yang Zhu1, Kyra L. Jordan1, Scott M. Riester2, Andre J. van Wijnen2, Amir Lerman3, Lilach O. Lerman1,3, 1Mayo Clinic, Nephrology and Hypertension, Rochester, MN, 2Mayo Clinic, Orthopedic Surgery, Rochester, MN, 3Mayo Clinic, Cardiovascular Diseases, Rochester, MN.

MO051
PUTATIVE ROLE OF MICROBIOTA IN THE PROGRESSION OF IGA NEPHROPATHY
Gabriella Lauriero1,2,3, Lilia Abbad1,2, Jonathan M. Chemouny1,2, Maria Piccolo4, Maria De Angelis4, Loreto Gesualdo3, Laureline Berthelot1,2, Renato C. Monteiro1,2, 1INSERM U1149 and CNRS ERL8252, Center Research Inflammation, Paris, FRANCE, 2Inflamex Lab excellence, Paris Diderot Univ, Paris, FRANCE, 3Univ Bari, DETO-Nephrology Unit, Bari, ITALY, 4Univ Bari, DiSSPA, Bari, ITALY.

MO052
IN VIVO ROLE OF TLR4 IN THE PATHOGENESIS OF CYCLOSPORINE-A NEPHROTOXICITY
Cristian González Guerrero, Raquel Rodríguez Díez, Pablo Cannata Ortiz, Marta Ruiz Ortega, Alberto Ortiz Arduán, Adrián M Ramos, IIS-Fundación Jiménez Díaz, Renal and Vascular Pathology Lab, Madrid, SPAIN.

MO053
PERIOSTIN INTERACTS WITH INTEGRINS TO PROMOTE RENAL INFLAMMATION AND PROGRESSION OF RENAL DISEASE
Niki Prakoura, Panagiotis Kavvadas, Raphael Kormann, Jean Claude Dussaule, Christos Chadjichristos, Christos Chatziantoniou, UPMC 6, INSERM UMR S1155, Paris, France.
Free Communication Session 24 + Mini Lecture

Hypertension clinical

Chairs: Faiçal Jarraya, Sfax, Tunisia
Jelka Masin Spasovska, Skopje, F.Y.R. of Macedonia

Mini lecture
Blood pressure variability and the kidney
Mustafa Arici, Ankara, Turkey

FREE COMMUNICATIONS

MO054
MORTALITY AND MAJOR CARDIOVASCULAR EVENTS ASSOCIATED WITH BLOOD PRESSURE CONTROL AND CHRONIC KIDNEY DISEASE IN THE ELDERLY
Jean Kaboré1, Marie Metzger1, Catherine Helmer2, Tilman B. Drueke1, Ziad A. Massy3, Bénédicte Stengel1, 1Inserm U1018, CESP, Epidemiology of Renal and Cardiovascular diseases, Villejuif, FRANCE, 2U1219, ISPED, Epidemiology and Biostatistic, Bordeaux, FRANCE, 3Inserm U1018, CESP, Div Nephrology, Ambroise Paré Univ Hosp, Villejuif, FRANCE.

MO055
HAEMODYNAMIC RESPONSE TO OXYGEN SUPPLEMENTATION IN CHRONIC KIDNEY DISEASE IS NOT CAUSED BY A KIDNEY SPECIFIC CHEMO−REFLEX
René van der Bel1, Muserref Caliskan1, Robert A. van Hulst2, Johannes J. van Lieshout3, Erik S. G. Stroes4, C T. P. Krediet1, 1Academic Medical Center, Univ Amsterdam, Nephrology, Amsterdam, NETHERLANDS, 2Academic Medical Center, Univ Amsterdam, Hyperbaric Medicine, Amsterdam, NETHERLANDS, 3Academic Medical Center, Univ Amsterdam, Physiology, Amsterdam, NETHERLANDS, 4Academic Medical Center, Univ Amsterdam, Vascular Medicine, Amsterdam, NETHERLANDS.

MO057
RENAL DENERVATION FOR RESISTANT HYPERTENSION: A SYSTEMATIC REVIEW
Giuseppe Coppolino1, Anna Pisano2, Laura Rivoli3, Davide Bolignano2, 1Pugliese-Ciaccio Hosp

MO058
DELAYED BUT SUSTAINED BLOOD PRESSURE AND SYMPATHETIC REDUCTION ONE YEAR AFTER RENAL DENERVATION IN DIALYSIS PATIENTS
Neil A. Hoye1, James C. Baldi1, David L. Jardine2, John B. Schollum1, Gerard T. Wilkins1, Luke C. Wilson1, Robert J. Walker1, 1Dunedin School Medicine, Dept Medicine, Dunedin, NEW ZEALAND, 2Christchurch School Medicine and Health Sciences, Dept Medicine, Christchurch, NEW ZEALAND.

MO056
HOME BLOOD PRESSURE MEASUREMENT AS SYSTEMATIC TOOL FOR CLINICAL PRACTICE IN CKD PATIENTS
Adamasco Cupisti, Lorenzo Ghiadoni, Claudia Zullo, Michele Marchini, Enrico Varrichio, Alessandro Puntoni, Elisabetta Giglio, Maria F. Egidi, Univ Pisa, Clinical and Experimental Medicine, Pisa, ITALY.
Scientific Programme

HALL G       17:00-18:30

Free Communication Session 25 + Mini Lecture

Genetics

Chairs: Francisco J. Arjona Madueño, Nijmegen, The Netherlands
        Francesco Paolo Schena, Bari, Italy

Mini lecture
Genetic testing in Steroid Resistant Nephrotic Syndrome
Moin Saleem, Bristol, United Kingdom

FREE COMMUNICATIONS

* MO059
RISK FACTORS FOR SEVERE RENAL DISEASE IN BARDET-BIEDL SYNDROME - PHENOTYPIC
AND GENOTYPIC ANALYSES OF THE LARGEST REPORTED AFFECTED COHORT.

SHOULD WE CONSIDER ADPKD NEW TARGETED THERAPIES IN PKD2 PATIENTS ?
Emilie Cornec-Le Gall1, Marie-Pierre Audrézet2, Eric Renaudineau3, Maryvonne Hourmant4, Christophe Charasse5, Cécile Vigneau6, Hélène Longuet7, Frank Bridoux8, Lise Mandart9, Bassem Wehbe10, Pascale Depraetere11, Genkyst Study Group, Claude Féré12, Yannick Le Meur1, ICHU, Nephrology, Brest, FRANCE, 2CHU, Molecular Genetics, INSERM, Brest, FRANCE, 3CH, Nephrology, Saint-Brieuc, FRANCE, 4CHU, Nephrology, Nantes, FRANCE, 5CH, Nephrology, Saint Brieuc, FRANCE, 6CHU, Nephrology, Rennes, FRANCE, 7CHU, Nephrology, Tours, FRANCE, 8CHU, Nephrology, Poitiers, FRANCE, 9CHU, Nephrology, Vannes, FRANCE, 10CHU, Nephrology, Quimper, FRANCE, 11AUB, Nephrology, Brest, FRANCE, 12CHU, Molecular Genetics INSERM 1078, Brest, FRANCE.

POTENTIAL OF RAAS-BLOCKADE TO DELAY RENAL DISEASE IN PATIENTS WITH ALPORT SYNDROME: A 4-YEAR PROSPECTIVE STUDY
Johanna Stock, Niklas Glonke, Joseph Sonntag, Johannes Kuenanz, Oliver Gross, Univ Medical Center Goettingen, Nephrology and Rheumatology, Goettingen, GERMANY.

MO062
RARE GENETIC VARIANTS IMPLICATED IN INNATE AND ADAPTIVE IMMUNITY CO-SEGREGATE WITH FAMILIAL IGA NEPHROPATHY
MO063
WHOLE EXOME SEQUENCING IN DENT DISEASE PATIENTS WITH NO DETECTABLE MUTATIONS IN CLCN5 AND OCRL GENES
Liliana Terrin1, Loris Bertoldi2, Monica Ceol1, Maria Addis3, Lisa Gianesello4, Giovanna Priante1, Dorella Del Prete1, Giorgio Valle2, Franca Anglani1, 1Clinical Nephrology, Univ Padua, Dept Medicine - DIMED, Padua, ITALY, 2Univ Padua, CRIBI, Padua, ITALY, 3Clinical and Molecular Medicine, Univ Cagliari, Dept Public Health, Cagliari, ITALY, 4Div Nephrology, Dept Medicine - DIMED, Padua, ITALY.
Scientific Programme

HALL K       17:00-18:30

Free Communication Session 26

CKD rehabilitation

Chairs: Naomi Clyne, Lund, Sweden
        Adamasco Cupisti, Pisa, Italy

FREE COMMUNICATIONS

MO064
RENEXC - A TRIAL ON EXERCISE PRESCRIPTION
Naomi Clyne1, Matthias Hellberg1, Philippa Svensson1, Huda Abdulahi1, Peter Högberg2, 1Clinical
Sciences, Lund, Nephrology, Lund, SWEDEN, 2Laboratory Medicine, Pharmacology, Lund, SWEDEN.

MO065
MULTICENTRIC EVALUATION OF A SPORT THERAPY PROGRAM DURING DIALYSIS
Gero von Gersdorff1, Mathias Schaller1, Kirsten Anding-Rost2, Thomas Baer2, Rolfdieter Krause3,
Norgit Meyer4, Thomas Stehr4, Christiane Hintzen-Kruse5, Torsten Siepmann5, Jens Passauer6, Christia
Hugol6, Claudia Karge7, Joachim Beige7, 1Univ Cologne Medical Center, Dept Medicine II - QIn
group, Cologne, GERMANY, 2KfH-Kuratorium für Dialyse und Nierentransplantation, Nierenzentrum
Bischofswerda, Bischofswerda, GERMANY, 3ReNi-German Society of Sports Rehabilitation in CKD, I,
Berlin, GERMANY, 4KfH-Kuratorium for Dialysis and Kidney Transplantation, Kidney Center Bautzen,
Bautzen, GERMANY, 5KfH-Kuratorium für Dialyse und Nierentransplantation, Nierenzentrum Chem
nitz, Chemnitz, GERMANY, 6KfH-Kuratorium für Dialyse und Nierentransplantation, Nierenzentrum
Dresden, Dresden, GERMANY, 7KfH-Kuratorium für Dialyse und Nierentransplantation, Nierenzentrum
Leipzig St. Georg, Leipzig, GERMANY.

MO066
ESTABLISHING THE RELATIONSHIP OF MUSCLE STRENGTH AND MUSCLE MASS WITH 5-YEAR
CLINICAL OUTCOMES IN KIDNEY TRANSPLANTATION
Winnie Chan1,2, Jos Bosch2, Okdeep Kaur1, Anna Phillips2, Richard Borrows1, 1Univ Hosps Birmin
ham NHS Foundation Trust, Dept Nephrology & Kidney Transplantation, Birmingham, UK, 2Univ Bir
tingham, School Sport, Exercise & Rehabilitation Sciences, Birmingham, UK.

MO067
LONG-TERM PULSE WAVE VELOCITY AND VO2PEAK OUTCOMES WITH 12 WEEKS OF AERO
BIC OR RESISTANCE TRAINING IN KIDNEY TRANSPLANT RECIPIENTS: A FOLLOW-UP OF THE
EXERT STUDY.
Ellen O’Connor1,2,3, Herolin Lindup1, Eilish Nugent4, David Goldsmith4, Iain Macdougall2,3, Shar
lene A. Greenwood1,2,3, 1King’s College Hosp, Physiotherapy Dept, London, UK, 2King’s College Hosp,
Dept Renal Medicine, London, UK, 3King’s College London, Renal sciences, London, UK, 4Guys and St
Thomas’ Hosp, Dept Renal Medicine, London, UK.

MO068
HIGH INTENSITY INTERVAL TRAINING IMPROVES PHYSICAL FUNCTIONING, INFLAMMA
TION AND QUALITY OF LIFE IN PERITONEAL DIALYSIS PATIENTS
Myriam Isnard Rouchon1, Céline Courtarad1, Marion Matysiak2, Pierre Ravel3, Céline Forte4, Nathalie
Boisseau2, 1Aura Auvergne, Dialysis, Chamalieres, FRANCE, 2Blaise Pascal Univ, Lab Metabolic Adap
tations to Exercise in Physiological and Pathological Condition, Clermont Ferrand, FRANCE, 3Cardio
logy, Centre Médical République, Clermont Ferrand, FRANCE, 4Biochemistry, GEN BIO Les Gravan
ches, Clermont Ferrand, FRANCE.
EFFICACY OF INTRADIALYTIC PROTEIN SUPPLEMENTATION AND EXERCISE TRAINING

**Kenneth R. Wilund¹, Jin H. Jeong¹, Peter J. Fitschen¹, Pei T. Wu², Emily J. Tomayko³, Hae R. Chung⁴, Mohamed Ali⁵, Shane A. Phillips⁵, Bo Fernhall⁶, ¹Univ Illinois, Dept Kinesiology and Community Health, Urbana, IL, ²Univ California, Dept Medicine, Los Angeles, CA, ³Univ Wisconsin, Dept Nutritional Sciences, Madison, WI, ⁴Clayton State Univ, College Health, Morrow, GA, ⁵Univ Illinois, Dept Physical Therapy, Chicago, IL, ⁶Univ Illinois, Dept Kinesiology and Nutrition, Chicago, IL.**
Posters

POSTER SESSION
Poster Area
09:30 - 10:45

Genetic diseases and molecular genetics MP031-MP068
Renal pathology. Experimental and clinical - 2 MP069-MP105
Nephrolithiasis, divalent ions and divalent ions disorders MP106-MP109
Clinical Nephrology, primary and secondary glomerulonephritis - 2 MP110-MP174
Acute Kidney Injury. Experimental - 2 MP175-MP194
Acute Kidney Injury. Clinical - 2 MP195-MP244
Chronic Kidney Disease. Pathophysiology, progression & risk factors - 2 MP245-MP300
Chronic Kidney Disease. Clinical Epidemiology - 2 MP301-MP343
Chronic Kidney Disease. Bone disease MP344-MP396
Chronic Kidney Disease. Rehabilitation MP397-MP416
Diabetes. Basic research - 2 MP417-MP426
Diabetes. Clinical studies - 2 MP427-MP445
Dialysis. Extracorporeal dialysis: techniques and adequacy - 2 MP446-MP484
Peritoneal dialysis - 2 MP485-MP521bis
Dialysis. Cardiovascular complications - 2 MP522-MP565
Dialysis. Bone disease MP566-MP583
Dialysis. Epidemiology, outcome research, health services research - 2 MP584-MP653
Dialysis. Protein-energy wasting, inflammation and oxidative stress - 2 MP654-MP676
Renal transplantation. Clinical - 2 MP677-MP742
PKCe is identified as a novel binding partner of β-catenin in podocytes
Michelle Duong1, Xuejiao Yu1, Beina Teng1, Patricia Schroder2, Hermann Haller1, Mario Schiffer1, 1Medical School Hanover, Nephrology, Hanover, GERMANY, 2Mount Desert Island Lab, MDIBL, Salisbury Cove, ME.

Tumor necrosis factor-like WE AK inducer of apoptosis favors vascular smooth muscle cells
Lucie Hénaut1,2, Ana Sanz1,2, Susana Carrasco1,2, Ricardo Villa-Bellosta1,2, Gonzalo Aldamiz-Echevarria Castillo3,2, Ziad A. Massy4,5, Maria Dolores Sanchez-Nino1,2, Alberto Ortiz1,2,6, 11HS Fundacion Jimenez Diaz, Nephrology, Madrid, SPAIN, 2Univ Autónoma Madrid, School Medicine, Madrid, SPAIN, 3IIS Fundacion Jimenez Diaz, Cardiac Surgery, Madrid, SPAIN, 4Ambroise Paré Univ Hosp, Nephrology, Boulogne-Billancourt, FRANCE, 5Inserm U1018, Cesp, Villejuif, FRANCE, 6Fundación Renal Ignigo Alvarez de Toledo, Irisn, Madrid, SPAIN.

Activation of GPR40 attenuates TNF-α-induced injury of rat proximal tubular cells by the inhibition of EGFR and Hippo signaling pathway
Seong Kwon Ma1, In Jin Kim1, Eun Hui Bae1, JongUn Lee2, Soo Wan Kim1, 1Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, KOREA, 2Chonnam National Univ Medical School, Dept Physiology, Gwangju, KOREA.

Pan modulates podocyte cytoskeleton via oxidative stress
Tae-Sun Ha, Chungbuk National Univ, Pediatrics, Cheongju, KOREA.

Increased lysosomal degradation of AQP2 in MPKCCDC14 cells with knockdown of vacuolar protein sorting-associated protein 35
Hyo-Jung Choi, Mi Suk Lee, Dasom Kim, Eui-Jung Park, Yu-Jung Lee, Tae-Hwan Kwon, School Medicine, Kyungpook National Univ, Dept Biochemistry and Cell Biology, Taegu, KOREA.

MicroRNAs regulated by aldosterone in mice kidney cortex and MPKCCDC14 cells and their roles in aldosterone-mediated renal apoptosis via Wnt signaling
Eui-Jung Park, Hyun Jun Jung, Hyo-Jung Choi, Tae-Hwan Kwon, School Medicine, Kyungpook National Univ, Dept Biochemistry and Cell Biology, Taegu, KOREA.

Thyroid hormone receptor on macrophages ameliorate IL1 receptor-associated kidney fibrosis
Miho Shikata, Fumihiko Furuya, Kenichiro Kitamura, Univ Yamanashi, Third Dept Internal Medicine, Chuo, JAPAN.

Silac-based proteomics of primary human renal cells reveals a novel link between male sex hormones and impaired energy metabolism in diabetic kidney disease
S Clotet1, MJ Soler1, M Riera1, J Pascual1, F Fang2, J Zhou2, I Batruch2, S Vasiliou2, A Dimitromanolakis2, EP Diamandidis2, JW Scholey2, A Konvalinka2, 1Hosp Mar Investigacions Medicues, Nephrology, Barcelona, SPAIN, 2Inst Medical Sciences, Univ Toronto, Toronto, ON, CANADA.

The effect of renin-angiotensin system (RAS) on endothelial permeability and plasma lipid vesicle-associated protein (PV-1) expression in vitro
Adrienne Németh, Csaba Bodor, Rita Bencs, Gábor Szénási, László Rosivall, International Training and Research Center, Semmelweis Univ, Budapest, HUNGARY.

Docosahexaenoic acid attenuation of tumor promoter-induced urokinase-type plasminogen activator receptor is mediated by heme oxygenase-1 in human endothelial cells
Nam Ho Kim1, Young Do Jung2, 1Chonnam National Univ Hosp, Internal Medicine, Gwangju, KOREA, 2Chonnam National Univ Hosp, Research Inst Medical Sciences, Internal Medicine, Gwangju, KOREA.

The involvement of P38 MAPK signaling in the impaired neutrophil bactericidal activity of hemodialysis patients
Yasutaka Kamikawa, Norihiko Sakai, Taito Miyake, Akihiro Sagara, Yasuyuki Shinozaki, Akinori Hara, Yasunori Iwata, Miho Shimizu, Kengo Furuchi, Takashi Wada, Kanazawa Univ Hosp, Div Nephrology, Kanazawa, JAPAN.
MP012 MOLECULAR REMODELING OF THE RENIN ANGIOTENSIN SYSTEM FOLLOWING RENAL TRANSPLANTATION
Marlies Antlanger1, Oliver Domenig2, Johannes J. Kovari2, Christopher C. Kaltenecker2, Chantal Kopecky2, Marko Poglitsch3, Marcus D. Siemann2, 1Medical Univ Vienna, Dept Internal Medicine III, Vienna, AUSTRIA, 2Medical Univ Vienna, Nephrology and Dialysis, Vienna, AUSTRIA, 3Attoquant Diagnostics GmbH, Vienna, AUSTRIA.

MP013 CHANGES IN WNT/B-CATENIN SIGNALING IN COGNITIVE DEFICIT LINKED TO CHRONIC KIDNEY DISEASE (CKD) ON ANIMAL MODEL OF CKD (5/6 NEPHRECTOMY).
Sabrina Degaspari1, Ana Maria M. Orellana1, Carmen B. Tzanno-Martins2, Clarice K. Fujihara3, Roberto Zatz2, Tânia A. Vie1, Ana Elisa Böhmer1, Cristroforo Scavone1, Elisa M. Kawamotol1, Isao Paulo Univ, Pharmacology, São Paulo, BRAZIL, 2Centro Integrado Nefrologia, Nefrologia, São Paulo, BRAZIL, 3São Paulo Univ, Nephrology, São Paulo, BRAZIL, 4São Paulo Univ, School Arts, Sciences and Humanities, São Paulo, BRAZIL.

MP014 THE RELATIONSHIP OF DERMATOLOGICAL FINDINGS WITH SERUM IL-31 AND UDP GLUCOSE CERAMIDE GLUCOSYLTRANSFERASE LEVELS AMONG CHRONIC KIDNEY DISEASE PATIENTS.
Beyhan Yılmaz Güvencer1, Kubra Kaynar2, Deniz Aksu Arlıc3, Birgül Vanızoğlu Kura4, Sükri Ulusoy2, Muammer Can-ş1, Leyla Baykal Şolçuk3, Aşlı E. Akyüz4, Cemal Can5, 1Karadeniz Technıcal Univ, School Medicine, Dept Internal Medicine, Trabzon, TURKEY, 2Karadeniz Technical Univ, School Medicine, Dept Nephrology, Trabzon, TURKEY, 3Karadeniz Technical Univ, School Medicine, Dept Dermatology, Trabzon, TURKEY, 4Karadeniz Technical Univ, School Medicine, Dept Biochemistry, Trabzon, TURKEY, 5Karadeniz Technical Univ, School Medicine, Dept Public Health, Trabzon, TURKEY.

MP015 THE EFFECT OF VITAMIN D3 SUPPLEMENTATION ON P2X7 RECEPTOR FUNCTION IN EARLY STAGES OF CHRONIC KIDNEY DISEASE
Ingrid Lajdova1, Viera Spustova1, Adrian Oksa1, Dusan Chorvat Jr.2, Alzbeta Marcek Chorvatóva2,3, 1Slovak Medical Univ, Dept Clinical and Experimental Pharmacotherapy, Bratislava, SLOVAKIA, 2International Laser Centre, Dept Biophotonics, Bratislava, SLOVAKIA, 3International Laser Centre, Dept Biophotonics, Bratislava, SLOVAKIA.

MP016 DYSREGULATION OF LDL RECEPTOR BY CYCLOOXYGENASE-2 CONTRIBUTES TO PODOCYTE INJURY IN STREPTOZOTOCIN INDUCED DIABETIC RATS
Kun Ling Ma, Liang Liu, Yang Zhang, Gui Hua Wang, Ze Bo Hu, Pei Pei Chen, Jian Lu, Bi Cheng Liu, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Nan Jing City, CHINA.

MP017 BIOLOGICAL ACTIVITY OF HUMAN LIVER TYPE FATTY ACID BINDING PROTEIN & ITS SERUM CONCENTRATIONS IN PATIENTS WITH END-STAGE RENAL DISEASE
Hyun Woo Kim, So Mi Kim, Miyeon Kim, Sohyun Kim, Jeju National Univ, School Medicine, Internal Medicine, Jeju-si, KOREA, 2Jeju National Univ Hosp, Internal Medicine, Jeju-si, KOREA, 3Konkuk Univ, Biomedical Science and Technology, Seoul, KOREA.

MP018 BAMBI SUPRESSED TGF BETA1 INDUCED MCP1 PRODUCTION IN RENAL TUBULAR EPITHELIAL CELLS
Shanying Liu, Yan Li, Ruiming Chang, Fang Su, Weiwen Liang, Yanhua Lin,1 Sun Yat-sen Memorial Hosp, Sun Yat-sen Univ, Research Center Medicine, Guangzhou, CHINA, 2Sun Yat-sen Memorial Hosp, Sun Yat-sen Univ, Dept Endocrinology, Guangzhou, CHINA, 3Sun Yat-sen Memorial Hosp, Sun Yat-sen Univ, Dept Emergency, Guangzhou, CHINA.

MP019 KNOCKDOWN OF PERIOSTIN PROMOTES EPITHELIAL PHENOTYPE WHILE INHIBITS SURVIVAL OF NRK-52E RENAL TUBULAR EPITHELIAL CELLS
Shanying Liu, Yan Li, Jun Lv, Weiwen Liang, Fang Su,1 Sun Yat-sen Memorial Hosp, Sun Yat-sen Univ, Research Center Medicine, Guangzhou, CHINA, 2Sun Yat-sen Memorial Hosp, Sun Yat-sen Univ, Dept Endocrinology, Guangzhou, CHINA, 3Sun Yat-sen Memorial Hosp, Sun Yat-sen Univ, Dept Nephrology, Guangzhou, CHINA.

MP020 ATRAP, A NOVEL INTERACTING MOLECULE WITH AT1 RECEPTOR, INHIBITS ANG II-INDUCED PROLIFERATIVE ACTIVITY AND OXIDATIVE STRESS IN RAT VASCULAR SMOOTH MUSCLE CELLS
Azuma Koichi, Asamizo Jin Clinic, Kidney Hypertention, Yokohama, JAPAN.

MP021 EFFECT OF CALCITRIOL ON FGF-23 LEVELS IN HEALTHY ADULTS AND THE DEPENDENCE ON PHOSPHATE LEVELS
Effrosyni Georgiadou, Kat Hosp, Lab Research of the Musculoskeletal System Th. Garofalidis, Medical School, Athens, Kifissia, GREECE.
CO TREATMENT OF BOSENATAN & VALSARTAN ATTENUATES RENAL INJURY IN UNILATERAL URETERAL OBSTRUCTED MICE.
Yoon-Kyung Chang1, Dae Eun Choi2, Hyunsu Choi1, Jin Young Jeong2, Young Rok Ham2, Ki-Ryang Na2, Sarah Chung2, Sarah Chung2, Kang Wook Lee2, 1Daejeon Saint Mary Hosp, Nephrology, Daejeon, KOREA, 2Chungnam National Univ Hosp, Nephrology, Daejeon, KOREA.

INNATE IMMUNITY DYSFUNCTION IN END-STAGE RENAL DISEASE: A PROSPECTIVE STUDY ON PERITONEAL DIALYSIS AND HEMODIALYSIS
Rita Leal1, José Simplicio2, Ana Galvão1, Paulo R. Santos2, Helena O. Sá1,2, Mário Campos1, Manuel S. Rosa2, 1Centro Hosp Univ Coimbra, Nephrology, Coimbra, PORTUGAL, 2Fac Medicine Univ Coimbra, Immunology, Coimbra, PORTUGAL.

EXPLORATION OF THE EFFECTS OF HYPERPHOSPHATAEMIA ON CARDIAC MYOCYTES IN-VITRO

HYPOTHALAMIC PITUITARY TESTES AXIS FUNCTION AFTER KIDNEY TRANSPLANTATION IN MEN
Anna Perrit1, Danilo Lofaro1, Laura Flice1, Martina Bonofiglio1, Filomena Armentano1, Donatella Vizza1, Francesca Leonel1, Paolo Gigliotti1, Renzo Bonofiglio2, 1Annunziata Hosp, Kidney and Transplantation Research Center, Cosenza, ITALY, 2Annunziata Hosp, Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

IS THERE ANY ROLE OF EPITHELIAL TO MESENCHYMAL TRANSITION IN THE PATHOGENESIS OF CONTRAST NEPHROPATHY?
Hayriye Sayarlioglu1, Ali Okuyucu2, Abdulkerim Bedir2, Osman Salis2, Eser Yenen2, Garp Bekfaliavioglu1, CoŞkun Kaya1, 1Ondokuz Mayis Univ, Nephrology, Samsun, TURKEY, 2Ondokuz Mayis Univ, Clinical Biochemistry, Samsun, TURKEY.

BENEFIC EFFECTS EXERTED BY PHENOLIC COMPOUNDS PRESENT IN EXTRA VIRGIN OLIVE OIL ON THE MESOTHELIAL-MESENCHYMAL-TRANSITION INDUCED BY PERITONEAL DIALYSIS.
Simona Lupinacci1, Giuseppina Toteda1, Donatella Vizza1, Anna Perrit1, Martina Bonofiglio1, Antonella La Russa1, Francesca Leonel1, Paolo Gigliotti1, Danilo Lofaro1, Angelo Saracino2, Renzo Bonofiglio3, 1Annunziata Hosp, Kidney and Transplantation Research Center, Cosenza, ITALY, 2Madonna delle Grazie Hosp, Early Regional Transplant, Matera, ITALY, 3Annunziata Hosp, Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

THE IMPACTS OF INDOXYL SULFATE-INDUCED OXIDATIVE STRESS ON RENAL CELL DEATH
Su-Hyun Kim, Jung-ho Shin, Chung-Ang Univ, Dept Internal Medicine, Seoul, KOREA.

THE PHENOTYPIC CHARACTERIZATION OF THE RENAL HUMAN PHAGOCYTES REVEAL A STEREOTYPIC RESPONSE TO INJURY
Dario Leone, Renate Kain, Andrew J. Rees, Medical Univ Vienna, Pathology, Vienna, AUSTRIA.

ERYTHROPOIESIS STIMULATING AGENTS CANNOT IMPROVES CIRCULATING ENDOTHELIAL PROGENITOR CELL COUNTS IN PATIENTS WITH END-STAGE RENAL DISEASE ON MAINTENANCE HEMODIALYSIS BECAUSE OF ERYTHROPOIETIN RESISTANCE
Hong joo Lee1, Yang Gyun Kim2, Ju Young Moon2, Sang Ho Lee Lee2, Chun Gyoo Ihm2, Tae Won Lee2, Kyung Hwan Jeong2, 1Seoul Red Cross Hosp, Dept Nephrology, Seoul, KOREA, 2Kyung Hee Univ School Medicine, Dept Nephrology, Seoul, KOREA.
GENETIC DISEASES AND MOLECULAR GENETICS

MP031
THE MUTATION-DEPENDENT PATHOGENICITY OF THE NPHS2 R229Q VARIANT

MP032
NEXT GENERATION GENE PANEL SCREENING IN STEROID-RESISTANT NEPHROTIC SYNDROME
Beata S. Lipska-Ziętkiewicz1, Olivia Boyer2,3,4, Olivier Gribouval3,2, Mansoureh Tabatabaei5, Cecile Fourrage3, Patricia Nischke1, Jutta Gellermann2, Olivia Boyer3,4, Mohamed Ahmed Shalaby6, Fatih Ozaltin7,8,9, Jiri Dusek10, Anette Melk11, Laura Massella13, Franz Schaefer14, Corinne Antignac3,2,4,12, EuRenomics Consortium, 1Medical Univ Gdańsk, Dept Biology and Genetics, Gdańsk, POLAND, 2Charité Campus Virchow-Klinikum, 2Charité Campus Virchow-Klinikum, Klinik Pädiatrie/Nephrologie, Berlin, GERMANY, 3Univ Paris Descartes, Imagine Inst, Paris, FRANCE, 4Necker Hosp, APHP, Pediatric Nephrology, Paris, FRANCE, 5Center Pediatrics and Adolescent Medicine, Pediatric Nephrology, Heidelberg, GERMANY, 6Inserm U1163, Genomic Platform, Paris, FRANCE, 7Multiplicom, NV, Niel, BELGIUM, 8Hacettepe Univ Fac Medicine, Nephrology, Ankara, TURKEY, 9Hacettepe Univ Fac Medicine, Pediatric Nephrology, Ankara, TURKEY, 10Hacettepe Univ Fac Medicine, Center Biobanking and Genomics, Ankara, TURKEY, 11Mario Negri Inst Pharmacological Research, Clinical Research Center Rare Diseases, Bergamo, ITALY, 12Necker Hosp, APHP, Medical Genetics, Paris, FRANCE.

MP033
SMARCAL1 SCREENING IN NEPHROTIC SYNDROME - LESSONS FROM PODONET
Beata S. Lipska-Ziętkiewicz1, Jutta Gellermann2, Olivia Boyer3,4, Mohamed Ahmed Shalaby6, Fatih Ozaltin7,8,9, Jiri Dusek10, Anette Melk11, Laura Massella13, Franz Schaefer14, Corinne Antignac3,2,4,12, EuRenomics Consortium, 1Medical Univ Gdańsk, Dept Biology and Genetics, Gdańsk, POLAND, 2Charité Campus Virchow-Klinikum, Klinik Pädiatrie/Nephrologie, Berlin, GERMANY, 3Univ Paris Descartes, Imagine Inst, Paris, FRANCE, 4Necker Hosp, APHP, Pediatric Nephrology, Paris, FRANCE, 5Center Pediatrics and Adolescent Medicine, Pediatric Nephrology, Heidelberg, GERMANY, 6Inserm U1163, Genomic Platform, Paris, FRANCE, 7Multiplicom, NV, Niel, BELGIUM, 8Hacettepe Univ Fac Medicine, Nephrology, Ankara, TURKEY, 9Hacettepe Univ Fac Medicine, Pediatric Nephrology, Ankara, TURKEY, 10Hacettepe Univ Fac Medicine, Center Biobanking and Genomics, Ankara, TURKEY, 11Mario Negri Inst Pharmacological Research, Clinical Research Center Rare Diseases, Bergamo, ITALY, 12Necker Hosp, APHP, Medical Genetics, Paris, FRANCE.

MP034
CLARIFY THE INTRACELLULAR STRESS RESPONSE IN EARLY-STAGE ALPORT SYNDROME AND ESTABLISH AN EVALUATION SYSTEM FOR INTRACELLULAR REGULATION OF COL4A5
Kohei Omachi, Misato Kamura, Keisuke Teramoto, Haruka Kojima, Mary Ann Suico, Tsuyoshi Shuto, Hirofumi Kai, Kumamoto Univ, Molecular Medicine, Kumamoto, JAPAN.

MP035
FREQUENT MUTATIONS OF CHINESE GITELMAN SYNDROME PATIENTS: FROM GENOTYPE TO CLINICAL AND PATHOLOGICAL FEATURES
Xiaoyan Peng1,2, Hongbin Tu3,4, Chen Chen1, Min Nie3, Xueming Liu1, Xiaoping Xing3, Xuewang Li1, Limeng Chen1, 1Chinese Academy Medical Sciences & Peking Union Medical College Hosp, Nephrology, Beijing, CHINA, 2National Inst Health, NIDDK, Bethesda, MD, 3Chinese Academy Medical Sciences & Peking Union Medical College Hosp, Heidelberg, Germany, 4Chinese Academy Medical Sciences & Peking Union Medical College Hosp, Neurology, Beijing, CHINA.

MP036
A NOVEL KNOCKIN MOUSE MODEL FOR ALPORT SYNDROME
Isavella Savva1, Charalampos Stefanou1, Myrtanni Pieri2, Dorin B. Borza3, Costas Stylianou4, George Lapatitisis5, Christos Karaiskos5, Gregoris Papagregoriou1, Constantinou Delias1, Uniq Cyprus, Molecular Medicine Research Center, Nicosia, CYPRUS, 2Univ Nicosia, Dept Life and Health Sciences, Nicosia, CYPRUS, 3Meharry Medical College, Dept Immunobiology and Microbiology, Nashville, TN, 4Heraklion Univ Hosp, Dept Nephrology, Heraklion, GREECE, 5Cyprus Inst Neurology and Genetics, Transgenic Mouse Facility, Nicosia, CYPRUS.

MP037
THE ROLE OF DNA ANALYSIS IN DIAGNOSIS OF AUTOSOMAL RECESSIVE POLYCYSTIC KIDNEY DISEASE
Leena Obeidova1, Veronika Elisakova1, Jana Reiterova3, Jitka Stekrova1, 1Inst Biology and Medical Genetics First Fac Medicine, Charles Univ Prague and General Univ Hosp Prague, Nephrology, Prague, CZECH REPUBLIC, 2Institute of Forensic Medicine, Charles Univ Prague and Motol Univ Hosp Prague, Dept Nephrology, Prague, CZECH REPUBLIC, 3Institute of Forensic Medicine, Charles Univ Prague and General Univ Hosp Prague, Dept Nephrology, Prague, CZECH REPUBLIC.
MP038
RENAI PHENOTYPES OF DENT DISEASE PATIENTS ACCORDING TO THEIR GENOTYPES
Franca Anglani1, Angela D’Angelo1, Monica Ceol1, Enrica Tosetto1, Annalisa Accogli1, Luisa Maria Bertizzolo1, Ada Comacchio1, Luciana Bonfante1, Maria Addis2, Dorella Del Prete1, 1Clinical Nephrology, Univ Padua, Dept Medicine - DIMED, Padua, ITALY, 2Clinical and Molecular Medicine, Univ Cagliari, Dept Public Health, Cagliari, ITALY.

MP039
THE EFFECT OF EVEROLIMUS IN PATIENTS WITH RENAI ANGIOMYOLIPOMA ASSOCIATED WITH TUBE-RIOUS SCLEROSIS COMPLEX
Nicolas R. Robles1, Ramón Peces2, Álvaro Gómez-Ferrer3, Felipe Villacampa4, Jose L. Álvarez-Ossorio5, Pedro Pérez6, Enrique Trilla7, Bernardo Herreras8, Javier Nieto9, Joaquín Carballido10, Urbano Anido11, Cristina Meseguer12, Roser Torra13, 1Hosp Infanta Cristina, Nephrology Dept, Badajoz, SPAIN, 2Hospital Universitario de Canarias, Department of Urology, Tenerife, SPAIN, 3Hospital Universitario de Canarias, Department of Urology, Tenerife, SPAIN, 4Hospital Universitario de Canarias, Department of Urology, Tenerife, SPAIN, 5Hospital Universitario de Canarias, Department of Urology, Tenerife, SPAIN, 6Hospital Universitario de Canarias, Department of Urology, Tenerife, SPAIN, 7Hospital Vall d’Hebron, Department of Nephrology, Barcelona, SPAIN, 8Hospital Virgen de la Victoria, Department of Nephrology, Malaga, SPAIN, 9Hospital Ciudad Real, Department of Nephrology, Ciudad Real, SPAIN, 10Hospital Puerta de Hierro Majadahonda, Department of Urology, Madrid, Spain, 11Hospital Clinico San Carlos, Department of Oncology, Madrid, Spain, 12No-vartis Farmacéutica S.A., Medical Department, Barcelona, SPAIN, 13Fundació Puigvert, Department of Nephrology, Barcelona, SPAIN.

MP040
DIAGNOSTIC MANAGEMENT OF SUSPECTED ACUTE CYST COMPLICATION IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Marie Neuville1, Roland Hustinx2, Jessica Jacques3, Jean-Marie Krzesinski1, Francois Jouret1, 1Univ Liege Hosp (ULg CHU), Nephrology, Liege, BELGIUM, 2Univ Liege Hosp (ULg CHU), Nuclear Medicine, Liege, BELGIUM, 3Univ Liege Hosp (ULg CHU), Medical-Economic Information, Liege, BELGIUM.

MP041
MAFB MUTANT SHOWS PODOCYTE INJURY WITH AGING
Naoki Morito1, Toshiaki Usui1, Keigyou Yoh2, Satoru Takahashi2, Kunihiro Yamagata1, 1Dept Nephrology, 2Dept Anatomy and Embryology, Univ Tsukuba, Tsukuba, JAPAN.

MP042
BENEFICIAL EFFECTS ON PODOCYTE GLOBOTRIAOSYLCERAMIDE DEPOSITS IN SERIAL KIDNEY BIOPSIES OF FABRY CHILDREN AND ADULTS AFTER UP TO 13 YEARS OF ENZYME REPLACEMENT
Rannveig Skrunes1,2, Camilla Tøndel3,2, Kristin Kampevold Larsen4, Sabine Leh4,2, Einar Svarstad1,2, 1Haukeland Univ Hosp, Dept Medicine, Bergen, NORWAY, 2Univ Bergen, Dept Clinical Medicine, Bergen, NORWAY, 3Haukeland Univ Hosp, Dept Pediatrics, Bergen, NORWAY, 4Haukeland Univ Hosp, Dept Pathology, Bergen, NORWAY.

MP043
PERIPHERAL CLOCKS CROSSTALK BETWEEN THE KIDNEY AND THE LIVER IN NEPHROTIC SYNDROME
Chen Peipei, Zhang Ruiyu, Mou Lijun, Li Xuewang, Li Xuewei, Qin Yan, Peking Union Medical College Hosp, Nephrology, Beijing, CHINA.

MP044
CAN GENETIC RISK SCORES IMPROVE THE PREDICTON POWER FOR MORTALITY OF STANDARD RISK FACTORS IN THE END STAGE KIDNEY DISEASE POPULATION? AN EXPLORATORY STUDY
Belinda Spoto1, Alessandra Testa1, Grazziella D’Arrigo1, rosa M. Parlongo1, maria C. Sanguedolce1, Anna Pisan1, Giovanni Trippe1, Carmine Zoccal1, Francesco Mallamaci1, 1CNR-IFC, Clinical Epidemiology and Physiopathology Renal Diseases and Hypertension, Reggio Calabria, ITALY, 2Riuniti Hosp, Nephrology and Renal Transplantation Unit, Reggio Calabria, ITALY.

MP045
FAMILY SCREENING FOR FABRY DISEASE BASED ON MALE INDEX CASES WITH END-STAGE RENAI DISEASE
Cassiano A. B. Silva1,2, José A. Moura-Junior1, Constança M. S. Cruz2,2, Fellycpe C. Barreto3,4, 1Clínica Senhor Bonfim, Nephrology, Feira de Santana, Bahia, BRAZIL, 2Escola Bahiana Medicina e Saúde Pública, Pós-graduação, Salvador, Bahia, BRAZIL, 3Hospital Santo Antônio, Clinical Research Coordinator, Salvador, Bahia, BRAZIL, 4Pontificia Univ Católica Paraná, Nephrology, Curitiba, Paraná, BRAZIL.

MP046
NUTRITIONAL ASSESSMENT BY USING BIOELECTRICAL IMPEDANCE ANALYSIS IN AUTOSOMAL DOMI-
NANT POLYCYSTIC DISEASE
Hyunjin Ryu1, Hayne C Park2, Hyunsuk Kim1, Miyeon Han1, Hyunju Kim1, Dal lea Joo3, Kook-Hwan Oh1, Young-Hwan Hwang4, Curie Ahn1, 1Seoul National Univ Hosp, Internal Medicine, Seoul, KOREA, 2Armed Forces Capital Hosp, Internal Medicine, Seoul, KOREA, 3Seoul National Univ Hosp, Clinical Nutrition Counseling Center, Seoul, KOREA, 4Eulji General Hosp, Internal Medicine, Seoul, KOREA.
MP047
POLYCYSTIC KIDNEY DISEASE 1 GENE MUTATION AMONG SIGNIFICANT POLYCYSTIC LIVER DISEASE
Hyunsuk Kim1, Hayne C. Park2, Hyunjin Ryu1, Miyeon Han1, Jong Cheol Jung3, Woongyang Park4, Hyunho Kim1, Jiseon Kim1, Jaeseok Yang1, Kook-Hwan Oh1, Young-Hwan Hwang5, Curie Ahn1, ISeoul National Univ Hosp, Internal Medicine, Seoul, KOREA, 2Armed Forces Capital Hosp, Internal Medicine, Seongnam, KOREA, 3Aju Univ Hosp, Internal Medicine, Seoul, KOREA, 4Samsung Medical Center, Samsung Genome Inst, Seoul, KOREA, 5Eulji General Hosp, Internal Medicine, Seoul, KOREA.

MP048
DECREASED SERUM UROMODULIN CONCENTRATION IS A SPECIFIC CHARACTERISTIC IN UROMODULIN KIDNEY DISEASE
Tamehito Onoe1, Kazunori Yamada1, Hiroaki Muramoto2, Mitsuhiro Kawano1, 1Kanazawa Univ Graduate School Medicine, Dept Internal Medicine, Kanazawa, JAPAN, 2J2Japan Community Healthcare Organization, Kanazawa Hosp, Dept Internal Medicine, Kanazawa, JAPAN.

MP049
CARDIAC INVOLVEMENT IN ATYPICAL HEMOLYTIC-UREMIC SYNDROM
Natalia Kozlovskaya1, Kseniya Demyanova1, Denis Tuter2, Dmitrii Shchekochikhin3, Evgenii Shilov1, Philippe Kopylov2, I.M. Sechenov First Moscow State Medical Univ, Ministry Health Russia, Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION, 2I.M. Sechenov First Moscow State Medical Univ, Ministry Health Russia, First Dept Preventive and Emergency Cardiology, Moscow, RUSSIAN FEDERATION, 3I.M. Sechenov First Moscow State Medical Univ, Ministry Health Russia, Dept Preventive and Emergency Cardiology, Moscow, RUSSIAN FEDERATION.

MP050
TESTING FOR THE CYTOSINE INSERTION IN THE VNTR OF THE MUC1 GENE IN A COHORT OF ITALIAN PATIENTS WITH AUTOSOMAL DOMINANT TUBULOINTERSTITIAL KIDNEY DISEASE
Claudio Musetti1, Deepak Babu2, Ileana Fusco2, Simona Mellone2, Marco Quaglia1, Vincenzo Cantaluppi1, Piero Stratta1, Mara Giordano2, IUniv Eastern Piedmont, Dept Translational Medicine, Novara, ITALY, 2Univ Eastern Piedmont, Human Genetics, Novara, ITALY.

MP051
CANCER RELATED GENES AND THEIR POSTTRANSCRIPTIONAL REGULATION IN ARISTOLOCHIAC ACID ASSOCIATED UROTHELIAL CANCER
Sandra Karanović1, Karla Tomic2, Damir Dittrich3, Kresimir Karlovic3, Ivana Vukovic1, Zelimir Stipanicev4, Fran Borovecki5, Jiri Zavadin6, Bojan Jelakovc1, 1School Medicine Univ Zagreb, Dept Nephrology, UHC Zagreb, Zagreb, CROATIA, 2General Hosp Slavonski Brod, Pathology Dept, Slavonski Brod, CROATIA, 3General Hosp Slavonski Brod, Urology Dept, Slavonski Brod, CROATIA, 4General Hosp Orašje, Dialysis Unit Ožak, Ožak, BOSNIA AND HERZEGOVINA, 5School Medicine Univ Zagreb, Zagreb, CROATIA, 6International Agency Research Cancer, Molecular Mechanisms and Biomarkers Group, Lyon, FRANCE.

MP052
THE USEFULNESS OF TOLVAPTAN IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE WITH CHRONIC KIDNEY DISEASE STAGE G3 TO G4
Kazunori Yamada1, Hiroaki Muramoto2, Hideo Araki3, Yasushi Kakuchi4, Kyoko Miyagi5, Susumu Kitajima5, Susumu Kitajima5, Mitsuhiro Kawano1, 1Kanazawa Univ Hosp, Div Rheumatology, Kanazawa, JAPAN, 2JCHO Kanazawa Hosp, Dept Internal Medicine, Kanazawa, JAPAN, 3Fukui Prefectural Hospital, Div Nephrology, Fukui, JAPAN, 4Saiseikai Kanazawa Hosp, Dept Internal Medicine, Kanazawa, JAPAN, 5Fujita Memorial Hosp, Dept Internal Medicine, Fukui, JAPAN, 6Komatsu Municipal Hosp, Dept Internal Medicine, Komatsu, JAPAN, 7Takaoka City Hosp, Dept Internal Medicine, Takaoka, JAPAN.

MP053
THE RENOPROTECTIVE ROLE OF MICRORNAS FROM FIBROSIS CAUSED BY UREMIC TOXINS AFTER MYOCARDIAL INFARCTION
Fadi Charchar1, Andrew Kompa2, Suree Lekawanvijit3, Ruby Lin4, IUniversity Fedration Univ Australia, Science and Technology, Ballarat, AUSTRALIA, 2Monash Univ, Dept Epidemiology and Preventive Medicine, Melbourne, AUSTRALIA, 3Monash Univ, Centre Cardiovascular Research and Education in Therapeutics, Melbourne, AUSTRALIA, 4Asbestos Diseases Research Inst, Cardiothoracic Genomics, Sydney, AUSTRALIA.

MP054
THE IMMUNOLOGICAL ACTIVITY OF LUPUS NEPHRITIS ASSOCIATES WITH THE CONCURRENT DEFICIENCY OF MANNOSE-BINDING LECTIN AND C1Q
Zofia I. Niemir1, Karol Wozniczka1, Anna Swierzkow2, Karzynska Szymal-Jankowiak1, Magdalena Polcyzn-Adamczak1, Anna Sokolowska2, Agnieszka Szała2, Maciej Cezynski1, IUniv Medical Sciences, Dept Nephrology, Transplantology and Internal Medicine, Poznan, POLAND, 2Polish Academy Sciences, Inst Medical Biology, Lodz, POLAND.
MP055 MICROALBUMINURIA AND OXIDATIVE STRESS IN PATIENTS WITH FAMILIAL MEDITERRANEAN FEVER
Giovanni Conti1, Agata Vital1, Rossella Siligato2, Claudia Fedel1, Daniela Caccamo3, Claudia Ventrici1, Riccardo Ien-
tile3, Carmelo Fedel1, Domenico Santoro2, 1AOU G Martino, Pediatric Nephrology Unit, Messina, ITALY, 2AOU G
Martino, Nephrology and Dialysis Unit, Messina, ITALY, 3AOU G Martino, Biochemistry Unit, Messina, ITALY.

MP056 ESTIMATION OF URINARY NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN AS BIOMARKER FOR DISEA-
SE ACTIVITY IN SYSTEMIC LUPUS NEPHRITIS
Mohamed N. H. Mahrous, Shebin Elkom Fever Hosp, Nephrology, Shebin Elkom, EGYPT.

MP057 EFFECT OF CYP3A4*22, CYP3A5*3 AND ABCB1 C3435T ON TACROLIMUS METABOLISM IN LEBANESE RENAL
TRANSPLANT PATIENTS: A RETROSPECTIVE STUDY
Stephanie Antoun1, Nahl Zouroub1, Zahraa Sadek1, Jihad Irani2, Maroun Abou Jaoude3, Elias Chalhoub1, 1Univ Bal-
mand, Fac Health Sciences, Al Kourah, LEBANON, 2Saint George Hosp Univ Medical Center, Family Medicine, Beirut,
LEBANON, 3Saint George Hosp Univ Medical Center, Nephrology, Beirut, LEBANON.

MP058 MIRNA21 EXPRESSION IN URINE AND RENAL TISSUE IN RATS WITH UNILATERAL URETERAL OBSTRUCTION
Marina Parastavae1, Kaykov Ivan1, Zarayski Mikhail1, Beresneva Olga1, Ivanova Galina2, Khasan Mokhamad1, Smir-
nov Alexey1, 1First St.-Petersburg State Medical Univ named after I.P. Pavlov, Inst Nephrology, St.-Petersburg, RUS-
SIAN FEDERATION, 2Inst Physiology named after I.P. Pavlov, Lab Clinical and Experimental Cardiology, St.-Peter-
burg, RUSSIAN FEDERATION.

MP059 TOLVAPTAN TREATMENT-RELATED INITIAL CHANGES IN SERUM SODIUM LEVELS, GLOMERULAR FILTRA-
TION AND PHYSIOLOGICAL STATUS DURING THE FIRST 7 DAYS OF HOSP ADMISSION
Mai Aoayagi1,2, Yuta Koguro1,2, Kaori Takayanagi3,1, Saeko Sat01,2, Yuya Shioda1,2, Tota Kiba1,2, Koki Ogawa1,2, Shimp ei Okaza1,2, Mizuki Iwanaga1,2, Tomonari Ogawa1,2, Koichi Kanozawa1,2, Hajime Hasegawa1,2, 1Saitama Medical Center, Saitama Medical Univ, Nephrology and Hypertension, Kawagoe, JAPAN, 2Saitama Medical Center, 3Saitama Medical Univ, Blood Purification, Kawagoe, JAPAN, Ishikawa Kinenkai Kawagoe Ekimae Clinic, Clinical Lab, Kawagoe, JAPAN.

MP060 DETERMINING TREATMENT PREFERENCE FOR TOLVAPTAN IN AUTOSOMAL DOMINANT POLYCYSTIC KID-
NEY DISEASE (ADPKD): DEVELOPMENT OF A DISCRETE CHOICE EXPERIMENT (DCE) FOR USE AS A CLINICAL
STUDY ENDPOINT
Jennifer Quinn1, Helen Doll2, Hannah Lewis2, Paul Robinson1, 1Otsuka Pharmaceuticals Europe Limited, Health Eco-
nomics and Outcomes Research, Wexham, UK, 2ICON Commercialisation and Outcomes, Oxford, UK.

MP061 SOMATOSTATIN IS NOT ASSOCIATED WITH DISEASE SEVERITY OR RATE OF DISEASE PROGRESSION IN PA-
TIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
A. Lianne Messchendorp1, Edwin M. Spithoven1, Esther Meijer1, Stephan J. Bakker1, Wendy E. Boertien1, Niek F. Ca-
stelein1,1, Wendy Daml1, Jaap van den Born1, Wouter F. Tonnis2, Carlo A.J.M. Gaillard1, Ron T. Gansevoort1, 1UMC Groningen, Nephrology, Groningen, NETHERLANDS, 2Univ Groningen, Pharmaceutical Technology and Biopharma-
cy, Groningen, NETHERLANDS.

MP062 PLASMA RENALASE CONCENTRATION BEFORE AND AFTER RADIOFREQUENCY RENAL DENERVATION IN
PATIENTS WITH RESISTANT HYPERTENSION: PRELIMINARY RESULTS
Beata Czerwienska1, Maciej Wybraniec2, Marcin Adamczak1, Michal Lelek2, Katarzyna Mizia-Stec2, Andrzej Więcek1, 1Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND, 2Medical Univ Silesia, First Dept Cardiology, Katowice, POLAND.

MP063 GENETIC ASSOCIATION BETWEEN MILD HYPERGLYCEMIA AND MICROALBUMINURIA IN GENERAL POPU-
LATION
Joon-Sung Park, Jong Wook Choi, Il Hwan Oh, Chang Hwa Lee, Hanyang Univ College Medicine, Dept Internal Medi-
cine, Seoul, KOREA.

MP064 GENETIC ASSOCIATION BETWEEN HYPERNATREMIA AND THE IMPAIRED KIDNEY FUNCTION IN GENERAL
POPULATION
Joon-Sung Park, Jong Wook Choi, Il Hwan Oh, Chang Hwa Lee, Hanyang Univ College Medicine, Dept Internal Medi-
cine, Seoul, KOREA.
**MP065**
ABERRANT METHYLATED DNA REGIONS LEAD TO LOW ACTIVATION OF CD4+ T CELLS WITH A CONSEQUENT IMBALANCE OF THE TH1/TH2 POLARIZATION IN IGA NEPHROPATHY PATIENTS
Fabio Sallustio1,2, Grazia Serino3,4, Sharon Natasha Cox1, Alessandra Dalla Gassa5, Claudia Curci2, Giuseppe De Palma2, Barbara Bannelli6, Gianluigi Zaza5, Massimo Romani6, Francesco Paolo Schena2,4, 1Univ Bari, DETO, Bari, ITALY, 2C.A.R.S.O. Consortium, BiolMol, Valenzano, ITALY, 3IRCCS de Bellis

**MP066**
FUNCTIONAL POLYMORPHISM IN THE PROMOTER OF NF-KB1 GENE (-94INS/DELATTG) IS ASSOCIATED WITH A INCREASED RISK FOR CMV INFECTION AFTER KIDNEY TRANSPLANTATION
Francesca Leone1, La Russa Antonella1, Paolo Gigliotti1, Martina Bonofiglio1, Anna Perrit1, Donatella Vizza1, Simona Lupinacci1, Giuseppina Toteda1, Renzo Bonofiglio2, 1Annunziata Hosp, Kidney and Transplantation Research Center, Cosenza, ITALY, 2Annunziata Hosp, Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

**MP067**
COMPLEMENT SYSTEM ABNORMALITIES IN PATIENTS WITH ATYPICAL HEMOLYTIC UREMIC SYNDROME AND CATASTROPHIC ANTIPHOSPHOLIPID SYNDROME
Kseniya Demyanova, Natalia Kozlovskaya, Agunda Kuchieva, Larisa Bobrova, Evgenii Shilov, I.M. Sechenov First Moscow State Medical Univ, Ministry Health Russia, Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION.

**MP068**
REAL-LIFE PRACTICE IN THE MANAGEMENT OF FABRY DISEASE - PRELIMINARY RESULTS
Tammy V. R. Almeida1, Gilson Biagini2,3, Mariza F. G. Rosa4,5, Roberto Pecoits-Filho2, Lidio Rossii5, Daniela V. Barreto2,1, Fellype C. Barreto2,1, Santa Casa Curitiba, Nephrology, Curitiba, BRAZIL, 2Pontificia Univ Católica Paraná, Nephrology, Curitiba, BRAZIL, 3Inst Rim Paraná, Nephrology, Curitiba, BRAZIL, 4Saude Center Clinic, Cardiology, Tapejara, BRAZIL, 5Sociedade Beneficente Santo Antonio, Cardiology, Tapejara, BRAZIL.
MP069
NUCLEAR RECEPTOR NR5A2 IS INVOLVED CALRETICULIN GENE REGULATION DURING RENAL FIBROSIS
Eleni Arvaniti1, Athina Vakrakou1, Valeria Kaltezioti1, Niki Prakoura1, Panagiotis Politis2, Aristidis Charonis1, 1Bio-
m edical Research Foundation Academy Athens, Center Clinical, Exp. Surgery and Translational Research, Athens, 
GREECE, 2Biomedical Research Foundation Academy Athens, Center Basic Research, Athens, GREECE.

MP070
COMPARISON OF 4-DIMENSIONAL REAL TIME ULTRASOUND GUIDED PER-CUTANEOUS RENAL BIOPSY 
WITH THE 2-DIMENSIONAL ULTRASOUND GUIDED PROCEDURE.
Varun Kumar Bandi1, Venkata Saik1, Ram Prasad Elumalai1, Soundararajan P1, 1Sri Ramachandra Univ, Dept Nephro-
logy, Chennai, INDIA, 2Sri Ramachandra Univ, Dept Radiology, Chennai, INDIA.

MP071
THE ANALYSES OF NEPHROTIC SYNDROME MODEL MICE INDUCED BY ANTI-NEPHRIN ANTIBODY USED BY 
GENE-IMMUNIZATION
Kazuhiro Takeuchi, Shokichi Naito, Tetsuya Abe, Keiko Hashimoto, Haruka Takahashi, Takanori Masaki, Miyuki Oga-
wa, Mariko Kamata, Junya Murano, Togo Aoyama, Takashi Sano, Yasuo Takeuchi, Kitasato Univ School Medicine, Dept Nephrology, Sgamihara, JAPAN.

MP072
ECTOPIC GERMINAL CENTER AND CLINICAL PATHOLOGICAL CHARACTERISTIC OF PRIMARY SJOGREN 
SYNDROME WITH RENAL INJURY
Jing Wang1, Mengyu Zhou1, Yubing Wen1, Xiaoxiao Shi1, Hang Li1, Mingxi Li1, Xuemei Li1, Wen Zhang2, Xuewang 
Li1, Limeng Chen1, 1Peking Union Medical College Hosp, Nephrology, Beijing, CHINA, 2Peking Union Medical College 
Hosp, Rheumatology, Beijing, CHINA.

MP073
THE EFFECT OF ORGAN INVOLVEMENT ON PATIENT AND KIDNEY SURVIVALS IN SECONDARY AMYLOIDOSIS 
Yavuz Ayar1, Alparslan Ersoy2, Abdülmecit Yıldız2, Gökhan Oacakoğlu3, Aysegül Oruc2, Emel İşiktaş Sayılar2, Mu-
stafa F. Öksüz4, Sedat Celikci5, Ismail Arslan5, Ahmet B. Sahin5, Mustafa Gulluçu2, 1Uludağ Univ Medical School, 
Nephrology, Bursa, TURKEY, 2Uludağ Univ Medical Fac, Nephrology, Bursa, TURKEY, 3Uludağ Univ Medical Fac, 
Biostatistics, Bursa, TURKEY, 4Uludağ Univ Medical Fac, Rheumatology, Bursa, TURKEY, 5Uludağ Univ Medical Fac, 
Internal Medicine, Bursa, TURKEY.

MP074
NEPHROPROTECTIVE EFFECT OF ADENOSINE IN STREPTOZOTOCIN INDUCED DIABETIC RATS 
Emin Taskiran1, Oytun Erbas2, Gurkan Yigturk3, Dilek Taskiran4, Harun Akar5, 1Tepcik Training and Research Hosp, 
Internal Medicine, Izmir, TURKEY, 2Bilkim Univ, Phsiology, Istanbul, TURKEY, 3Ege Univ, Histology and Emb-
riology, Izmir, TURKEY, 4Ege Univ, Pshiology, Izmir, TURKEY, 5Tepcik Training and Research Hosp, Internal Medicine 
and Nephrology, Izmir, TURKEY.

MP075
THERAPEUTIC EFFECTS OF BLOCKING TNFR1 AND TNFR2 SIGNALING IN EXPERIMENTAL MEMBRANOUS NEPHROPATHY BY USING TNFR PRELIGAND ASSEMBLY DOMAIN AND ETANERCEPT 
Chia-Chao Wu1, Kuo-Cheng Lu2, Jin-Shuen Chen1, Shih-Hua Lin1, 1Div Nephrology, Dept Medicine, Tri-Service Ge-
eral Hosp, National Defense Medical Center, Taipei, TAIWAN, 2Dept Medicine, Cardinal Tien Hosp, School Medicine, 
Fu Jen Catholic Univ, New Taipei city, TAIWAN.

MP076
AN IN VITRO EVIDENCE OF PROMOTING EFFECT OF TESTOSTERONE IN KIDNEY STONE DISEASE: A PROTE-
omics APPROACH AND FUNCTIONAL VALIDATION 
Channarong Changtong, Paleerath Peerapen, Warrarat Chiangjong, Somchai Chutipongtanate, Visith Thongboonkerd, 
Sriraj Hosp, Mahidol Univ, Medical Proteomics Unit, Office for R&D, Bangkok, THAILAND.

MP077
CIC-5 AND PROTEINURIC NEPHROPATHIES 
Monica Ceol, Lisa Gianesello, Laura Rossetto, Enrica Tosetto, Giovanna Priante, Daniela Stringa, Liliana Terrin, Franca 
Anglani, Dorella Del Prete, Clinical Nephrology, Univ Padua, Dept Medicine - DIMED, Padua, ITALY.

MP078
MORPHO-FUNCTIONAL CORRELATIONS IN RENAL AMYLOIDOSIS 
Massimo Torreggiani1, Lorenzo Cianfanelli1, Marco Coluccì1, Vittoria Esposito1, Davide Caucci1, Luca Semeraro1, 
Fabrizio Grosjean2, Antonio Dal Canton2, Giovanni Palladini3, Giampaolo Merlini3, Ciro Esposito1, 1IRCCS Salvato-
tore Maugeri, Unit Nephrology and Dialysis, Univ Pavia, Pavia, ITALY, 2IRCCS Policlinico San Matteo, Nephrology, 
Dialysis, Transplantation, Univ Pavia, Pavia, ITALY, 3IRCCS Policlinico San Matteo, Amyloidosis Research and Tre-
atment Center, Univ Pavia, Pavia, ITALY.
MP079
HEPARANASE: A POTENTIAL NEW FACTOR INVOLVED IN THE PRO-FIBROTIC RENAL BIOLOGICAL MACHINERY ACTIVATED BY THE ISCHEMIA-REPERFUSION INJURY.
Valentina Masola1, Gianluigi Zaza1, Giovanni Gambaro2, Maurizio Onisto3, Gloria Bellin1, Gisella Vischini2, Iyad Khamaysy4, Ahmad Hassan5, Shadi Hamoud6, Omri Nativ7, Samuel N. Heyman8, Antonio Lupo9, Israel Vlodavsky9, Zaid Abassi7,10, 1Univ Verona, Renal Unit, Medicine, Verona, ITALY, 2Columbus-Gemelli Hosp, Catholic Univ Sacred Heart, Rome, Div Nephrology and Dialysis, Rome, ITALY, 3Univ Padova, Dept Biomedical Sciences, Padova, ITALY, 4Rambam Health Care Campus, Gastroenterology and Advanced Endoscopy Procedures Unit, Haifa, ISRAEL, 5Rambam Health Care Campus, Internal Medicine A, Haifa, ISRAEL, 6Rambam Health Care Campus, Internal Medicine E, Haifa, ISRAEL, 7Hebrew Univ-Hadassah Medical Center, Internal Medicine, Jerusalem, ISRAEL, 8Bruce Rappaport Fac Medicine;Technion, Dept Physiology, Haifa, ISRAEL, 9Bruce Rappaport Fac Medicine;Technion, Dept Cancer and Vascular Biology Research Center, Haifa, ISRAEL, 10Rambam Health Care Campus, Research Unit, Haifa, ISRAEL.

MP080
UROMODULIN EXERTS POTENT PREVENTIVE AND THERAPEUTIC EFFECTS IN WKY RATS WITH ANTIGBM GLOMERULONEPHRITIS VIA IL6 ACTIVATION
Taihei Suzuki, Masayuki Iyoda, Kei Matsumoto, Yukihiro Wada, Yasutaka Yamamoto, Tomohiro Saito, Ken Iseri, Kei Hihara, Shohi Tachibana, Takanori Shibata, Showa Univ, Nephrology, Tokyo, JAPAN.

MP081
FOLLOWUP WITH DOPPLER ULTRASOUND OF ASYMPTOMATIC ARTERIOVENOUS FISTULA (AVF) AFTER RENAL BIOPSY (RB)
Maite Rivera Gorrin1, Saúl Pampa1, Fernando Caravaca1, Virginia López de la Manzanara2, Victor Burgueru1, Nuria Rodriguez Mendiola1, Cristina Galeano1, Estefania Yerovi1, Fernando Liano1, 1Hosp Univ Ramon y Cajal, UAH, Renin-Renal, Nephrology, Madrid, SPAIN, 2Hosp Univ Clínico San Carlos, Nephrology, Madrid, SPAIN.

MP082
MILD MICROSCOPIC HEMATURIA OF RENAL ORIGIN: HIDDEN THREAT ?
Vladimir Hanzal1, Eva Honsova2, Janka Slatsnka1, Ondrej Viklicky1, 1Inst Clinical and Experimental Medicine, Nephrology, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Clinical and Experimental Pathology, Prague, CZECH REPUBLIC.

MP083
MOLECULAR DYSREGULATION IN PLASMA FROM NON DIALYTIC PATIENTS WITH CHRONIC KIDNEY DISEASE
Alessandra Brocca1,2, Grazia Maria Virzi’1, Sabrina Milan Manani1, Massimo de Cal1, Claudio Ronco1, 1S. Bortolo Hosp, Nephrology, Dialysis and Renal Transplantation, Vicenza, ITALY, 2Univ Padua, Dept Immunology and Allergology, Padua, ITALY.

MP084
RETOPERITONEAL FIBROSIS: A SINGLE CENTER EXPERIENCE WITH MULTIDISCIPLINARY APPROACH
Domenico Giannese1, Diego Moriconi1, Riccardo Capecci2, Maria Francesca Egidi1, Antonio Gaetano Tavoni2, 1Univ Pisa, Nephrology Transplantation and Dialysis, Pisa, ITALY, 2Univ Pisa, Clinical Immunology, Pisa, ITALY.

MP085
THE SIGNIFICANCE OF EXTRACAPILLARY PROLIFERATION IN IGA NEPHROPATHY
Gabriel Stefan1,2, Simona Stancu1,2, Adrian Zugravu1,2, Gener Ismail1,2, Eugen Mandache4, Gabriel Mircescu1,2, 1Dr Carol Davila Teaching Hosp Nephrology

MP086
THE REGULATION ROLE OF TLR4-MYD88 PATHWAY IN ACUTE RENAL INFLAMMATION AND FIBROSIS INDUCED BY C-REACTIVE PROTEIN
Zi Li, Haijiao Bao, Xiaohong Tang, Wei Qin, West China Hosp, Sichuan Univ, Nephrology, Chengdu, CHINA.

MP087
CLINICAL FEATURES AND OUTCOMES IN A LARGE COHORT OF PATIENTS WITH IgG4-RELATED DISEASE AT A UNIVERSITARY HOSP IN SPAIN
Maria Quero Ramos1, Juliana Draibe1, Xavier Fulladosa Oliveras1, Ines Rama Arias1, Xavier Solanich2, Josep Maria Cruzado Garrit1, Joan Torras Ambros1, 1Hosp Univ Bellvitge, Nephrology, Barcelona, SPAIN, 2Hosp Univ Bellvitge, Internal Medicine, Barcelona, SPAIN.

MP088
DPP4 INHIBITOR DA1229 AMELIORATES TUBULOINTERSTITIAL FIBROSIS IN CYCLOSPORIN A - INDUCED NEPHROTOXICITY
Dae Cha1, Jin Cha2, Hye Min2, Ki Kim2, Jung Ghee2, Hyun Kim3, Ji Lee4, Young Kang2, Jee Han5, 1Korea Univ, Ansan Hosp, Internal Medicine, Nephrology, Ansan, KOREA, 2Korea Univ, Ansan Hosp, Internal Medicine, Ansan, KOREA, 3Wonkwang Univ, Internal Medicine, Gunpo, KOREA, 4Wongkwang Univ, Internal Medicine, Gunpo, KOREA, 5Hanshin Univ, Pathology, Incheon, KOREA.
MP089
CD147/BSG ACCELERATES TUBULOINTERSTITIAL INJURY AND LIVER DYSFUNCTION IN HIGH-FAT DIET
Yoshiko Mori, Tomoki Kosugi, Tomoki Yoshioka, Takahiro Hayasaki, Kayaho Maeda, Noritoshi Kato, Takuji Ishimoto, Seiichi Matsuo, Shoichi Maruyama, Nagoya Univ Graduate School Medicine, Nephrology, Nagoya, JAPAN.

MP090
CONGENITAL NEPHROGENIC DIABETES INSIPIDUS IN PREGNANCY
Aleksandra Kędzior1, Tomasz Kędzior2, Adam Mrozek2, Agnieszka Gala-Blędzińska1, 1St' Queen Jadwiga Clinical District Hosp No 2, Dept Internal Medicine, Nephrology & Endocrinology, Rzeszów, POLAND, 2St' Queen Jadwiga Clinical District Hosp No 2, Dept Gynecology & Obstetrics, Rzeszów, POLAND.

MP091
THE ROLE OF IL33 AND THE IL-33 RECEPTOR ST2 IN NEPHROTOXIC SERUM NEPHRITIS
Katharina Artinger1, Alexander H. Kirsch1, Ida Aringer1, Corinna Schabruettli2, Michaela Krainer1, Philipp Eller2, Alexander R. Rosenkranz1, Kathrin Eller1, 1Medical Univ Graz, Dept Internal Medicine, Clinical Div Nephrology, Graz, AUSTRIA, 2Medical Univ Graz, Dept Internal Medicine, Intensive Care Unit, Graz, AUSTRIA.

MP092
EXPRESSION OF KERATIN 17 IN RENAL INJURY INDICATES TUBULAR STRESS AND DEDIFFERENTIATION
Roman D. Bülow1, Sonja Djudjaj1, Pavel Strnad2, Jürgen Floege3, Peter Boor1, 1RWTH Aachen Univ, Inst Pathology, Aachen, GERMANY, 2RWTH Aachen Univ, Dept Gastroenterology, Aachen, GERMANY, 3RWTH Aachen Univ, Dept Nephrology, Aachen, GERMANY.

MP093
STANDARDIZED ASSESSMENT OF DIGITAL RENAL BIOPSY WHOLE SLIDE IMAGES
Charlotte Gimpe1, Renate Kain2, Virginie Royale3, Ivana Simic4, Jean-Paul Duong van Huyen5, Shane M. Meehan6, Sandrine Florquin7, Nadja Birk1, Laura Barisoni8, Franz Schaefer9, and the PodoNet Study Consortium, 1Univ Hosp, Center Pediatrics and Adolescent Medicine, Freiburg, Germany, 2Medical Univ, Dept Internal Medicine, Clinical Pathology, Graz, Austria, 3Hop Maisonneuve-Rosemont, Dept Pathology and Cellular Biology, Montreal, QC, Canada, 4MVRZ Histologie, Zytologie und Molekulare Diagnostik, Trier, Germany, 5Hop Necker, Assistance Publique-Hop Paris, Dept Pathology, Paris, France, 6Pacific Rim Pathology Medical Corporation, San Diego Pathology Services, San Diego, CA, 7Academic Medical Center, Dept Pathology, Amsterdam, Netherlands, 8Univ Miami, Dept Pathology, Miami, FL, 9Univ Hosp, Center Pediatrics and Adolescent Medicine, Heidelberg, Germany.

MP094
EVEROLIMUS-INDUCED EPITHELIAL TO MESENCHYMAL TRANSITION IN BRONCHIAL AND PULMONARY CELLS: WHEN THE DOSAGE DOES MATTER IN TRANSPLANTATION
Paola Tomei1, Valentina Masola1, Pierluigi Carratu2, Valentina Anna Ventura2, Simona Granata1, Alessandra Dalla Gassa1, Gloria Bellin1, Maurizio Onisto3, Onofrio Resta2, Giovanni Gambaro4, Antonio Lupo1, Gianluigi Zaza1, 1Univ Verona, Renal Unit, Medicine, Verona, Italy, 2Univ Medicine, Inst Respiratory Diseases, Padova, Italy, 3Univ Padova, Biomedical Sciences, Padova, Italy, 4Columbus-Gemelli Hosp, Catholic Univ Sacred Heart, Div Nephrology and Dialysis, Rome, Italy.

MP095
THE ROLE OF SERUM ICAM-1 LEVEL AND ICAM-1 GENE K469E POLYMORPHISM ON MICROALBUMINURIA IN OBESIVE INDIVIDUALS
Bennur Esen1, Ahmet E. Atay2, Halit Akbas3, Emel S. Gökmen2, Saadet Pilter4, Dilek G. Yavuz5, 1Bagcilar Education and Research Hosp, Internal Medicine and Nephrology, Istanbul, Turkey, 2Bagcilar Education and Research Hosp, Internal Medicine, Istanbul, Turkey, 3Medical School Harran Univ, Sanliurfa Turkey, Dept Genetics and Medical Biology, Sanliurfa, Turkey, 4Bagcilar Education and Research Hosp, Biochemistry, Istanbul, Turkey, 5Marmara Univ, School Medicine, Endocrinology and Metabolism, Istanbul, Turkey.

MP096
PRIMARY SJÖGREN SYNDROME WITH MINIMAL CHANGE DISEASE
Jiaxin Lang, Xiaoxiao Shi, L lubing Xu, Yubing Wen, Jing Wang, Hang Li, Xuewei Li, Xuewang Li, Limeng Chen, Chinese Academy Medical Sciences & Peking Union Medical College Hosp, Dept Nephrology, Beijing, China.

MP097
L-ARGININE SUPPLEMENTATION IMPROVES CHRONIC KIDNEY INJURY IN EXPERIMENTAL ARISTOLOCHIC ACID NEPHROPATHY
Inês Jado1, Vanessa Colombo1, Blanche Martin1, Isabelle Habsch1, Olivia Botton1, Joelle Nortier2, Anne-Emilie Delevé2, Nathalie Caron1, 1Univ Namur, Molecular Physiology Research Unit - URPhyM, Namur, Belgium, 2Univ Libre Bruxelles (ULB), Lab Experimental Nephrology, Brussels, Belgium.
Posters

MP098
PODOPLANIN OVEREXPRESSION IN RAT PODOCYTES INDUCES A MORPHOLOGICAL CHANGE SIMILAR TO FLATTENING OF FOOT PROCESSES VIA REGULATING RAC1 AND CDC42 ACTIVITY
Hitonari Nosaka1, Sigurd Krieger2, Nobuharu Fujitara1, Dai Oono1, Shunya Uchida3, Dontscho Kerjaschki2, Kenichiro Kojima1, 1Ageo Central General Hosp, Div Nephrology, Saitama, JAPAN, 2Medical Univ Vienna, Clinical Dept Pathology, Vienna, AUSTRIA, 3Teikyo Univ School Medicine, Dept Internal Medicine, Tokyo, JAPAN.

MP099
UPREGULATION OF EXTRACELLULAR MATRIX PROTEIN EXPRESSION BY CARDIOTROPHIN -1
Nuria Perretta-Tejedor1, Jose M. Muñoz-Félix2, Cristina Cuesta1, Isabel Fuentes-Calvo2, Jose M. López-Novoa2, Francis J. López-Hernández1, Nélida Eleno2, Carlos Martínez-Salgado1, 1Inst Estudios Ciencias Salud Castilla y León (IECSCYL), Inst Investigación Biomédica Salamanca (IBSAL), Salamanca, SPAIN, 2Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

MP100
PODOCYTE-SPECIFIC NF-KB INHIBITION AMELIORATES PROTEINURIA IN ADRIAMYCIN-INDUCED NEPHROPATHY IN MICE
Tadashi Yoshida, Maho Yamashita, Matsuhiro Hayashi, Keio Univ, Apheresis and Dialysis Center, Tokyo, JAPAN.

MP101
Histopathological CLASSIFICATION AND RENAL OUTCOME IN 186 CHINESE PATIENTS WITH ANTINEUTROPHIL CYTOPLASMIC ANTIBODIES ASSOCIATED GLOMERULONEPHRITIS
Yong-Xi Chen, Jing Xu, Xia-Xia Pan, Wen Zhang, Nan Chen, Ruijin Hosp affiliated Shanghai Jiaotong Univ, School Medicine, Dept Nephrology, Shanghai, CHINA.

MP102
E TYPE PROSTANOID RECEPTOR 4 (EP4) AGONIST TREATMENT HAS DOSE DEPENDENT BENEFICIAL AND HARMFUL EFFECTS IN NEPHROTOXIC SERUM NEPHRITIS
Ida Aringer1, Alexander H. Kirsch1, Katharina Artinger1, Corinna Schahüttil1, Katharina Jandl2, Andrijana Kirsch3, Sasa Frank3, Philipp Eller4, Alexander R. Rosenkranz1, Akos Heinemann2, Kathrin Eller1, 1Clinical Div Nephrology, Dept Internal Medicine, Graz, AUSTRIA, 2Inst Experimental and Clinical Pharmacology, Medical Univ Graz, Graz, AUSTRIA, 3Inst Molecular Biology and Biochemistry, Medical Univ Graz, Graz, AUSTRIA, 4Intensive Care Unit, Dept Internal Medicine, Graz, AUSTRIA.

MP103
A CLINICOPATHOLOGIC STUDY OF THROMBOTIC MICROANGIOPATHY IN IGA NEPHROPATHY
Haji Meriam, Jebali Hela, Kheder Rania, Rais Lamia, Ben Fatma Lilia, Smaoui Wided, Krid Madiha, Beji Soumaya, Zouaghî Karim, La Rabta Hosp, Dept Nephrology, Dialysis and Transplantation, Tunis, TUNISIA.

MP104
MULTIPLE MYELOMA AND RENAL IMPAIRMENT. A SERIES OF 162 PATIENTS.
Seif Azaiez1, Samia Barbouch2, Amal Harzallah2, Fatima Jaziri2, Raja Aoudia2, Imen Gorsane2, Fethi Ben Hamida2, Khaoula Ben Abdelghani2, Taib Ben Abdallah2, 1Charles Nicolle Hosp, Internal Medecine, Tunis, TUNISIA, 2Charles Nicolle Hosp, Dept Internal Medicine A, Tunis, TUNISIA.

MP105
RELATIONSHIPOF THROMBOTIC MICROANGIOPATHY TO PERITUBULARCAPILLARY C4D DEPOSITION AND MICROVASCULAR INFLAMMATION IN LIVING DONORS RENALTRANSPLANTATION
Wesam Ismail1, Amr Shaker2, Amany Mohamed1, Maggie Elnahid2, 1Beni-Suef Univ, Pathology, Beni-Suef, EGYPT, 2CAiro Univ, Internal Medicine & Nephrology, Cairo, EGYPT.
NEPHROLITHIASIS, DIVALENT IONS AND DIVALENT IONS DISORDERS

MP106
CHANGES IN RENAL PAPILLARY DENSITY AFTER HYDRATION THERAPY IN CALCIUM STONE FORMERS
Pietro Manuel Ferrar01, Giuseppe Macis2, Matteo Vittori3, Alessandro D’Addessi3, Martina Sbarra2, PierFrancesco Bas-
si3, Giovanni Gambaro1, 1Catholic Univ Sacred Heart, Nephrology, Rome, ITALY, 2Catholic Univ Sacred Heart, Radio-
logy, Rome, ITALY, 3Catholic Univ Sacred Heart, Urology, Rome, ITALY.

MP107
BENEFIT OF TREATMENT WITH CINACALCET IN PATIENTS WITH UROLITHIASIS AND PRIMARY HYPERPARATHYROIDISM
Cesar Ruiz Garcia1, Jordi Bover1, Iara Da Silva1, Cynthia Mercado1, Jose A. Ballarin1, Ferran Rouaud2, Puigvert
Foundation, Nephrology, Barcelona, SPAIN, 2Puigvert Foundation, Urology, Barcelona, SPAIN.

MP108
PRIMARY HYPEROXALURIA: TUNISIAN Nephrology DEPT EXPERIENCE
Hajji Meriam1, Kaaroud Hayet1, Harzallah Amel1, Ben Abdallah Taieb1, Ayed Haroun2, Derouchi Amine2, Ben Slama
Riadh2, Chebil Med Cherif2, Talbi Emna3, Baccouch Hanene3, Abdelmoula Jaouida3, Medmeg Saoussen4, Omezzine
Asma4, Ben Hamida Fethi5, 1Charles Nicolle Hosp, Dept Nephrology, Dialysis and Transplantation, Tunis, TUNISIA,
2Charles Nicolle Hosp, Urology, Tunis, TUNISIA, 3Charles Nicolle Hosp, Biochemistry, Tunis, TUNISIA, 4Sahloul Hosp,
Biochemistry, Sousse, TUNISIA, 5Charles Nicolle Hosp, Renal Pathological Research Lab (LR00SP01), Tunis, TUNISIA.

MP109
MEDICAL AND DIETARY MEASURES FOR THE PREVENTION OF NEPHROLITHIASIS: A SINGLE CENTER EXPERIENCE
Els Van de Perre1, Tess Van Meerhaeghe1, Karl Martin Wissing1,2, Christian Tielemans1, Univ Ziekenhuis Brussel,
Vrije Univ Brussel, Dept Nephrology, Brussels, BELGIUM, 2Centre Hosp Univ Brugmann, Univ Libre Bruxelles, Dept
Nephrology, Brussels, BELGIUM.
CLINICAL NEPHROLOGY, PRIMARY AND SECONDARY GLOMERULONEPHRITIS - 2

MP110
ANALYSIS OF CASES WITH FOCAL SEGMENTAL GLOMERULOSCLEROSIS: SINGLE CENTER EXPERIENCE
Yavuz Ayar1, Alparslan Ersoy2, Abdülmecit Yıldız2, Aysegul Oruc2, Fatma E. Can3, Gokhan Ocakoglu3, Mustafa Gululu2, 1Uludağ Univ Medical School, Nephrology, Bursa, TURKEY, 2Uludağ Univ Medical Fac, Nephrology, Bursa, TURKEY, 3Uludağ Univ Medical Fac, Bioistatistics, Bursa, TURKEY.

MP111
INCIDENCE AND PREDICTIVE FACTORS OF INFECTIONS, POSITIVE MICROBIOLOGICAL CULTURES IN PATIENTS WITH SEVERE ANCA-ASSOCIATED VASCULITIS
Ágnes Haris1, József Arányi1, Henrik Braunitzer1, Szilveszter Dolgos1, Eva Lengyel2, Kálmán Polner1, 1St. Margit Hosp, Nephrology Dept, Budapest, HUNGARY, 2St. Margit Hosp, Central Lab, Budapest, HUNGARY.

MP112
URINARY NGAL AND RISK FOR PROGRESSION IN IGA NEPHROPATHY PATIENTS
Dimitris Xidakis1, Ergini Antonaki2, Michail Tzanakakis2, Kostas Kostakis2, Despoina Galani3, Emmanouil Tzagarakis3, Eugenios Daphnis4, Apostolos Papadogiannakis2, 1Venizeleio Hosp, Nephrology, Irakleio, GREECE, 2Venizeleio, Nephrology, Herakleio, GREECE, 3Venizeleio, Internal Medicine, Herakleio, GREECE, 4Univ Hosp Heraklio, Nephrology, Herakleio, GREECE.

MP113
CARDIOVASCULAR RISK ASSESSMENT IN PATIENTS WITH GLOMERULONEPHRITIS
Carmelo Zuppardo1, Luca Visconti1, Giuseppe Dattilo2, S Quattroncchi2, Vincenzo Pellicano1, Marco Atteritano3, Carlo Alberto Ricciardi1, Francesca De Gregorio1, Viviana Lacava1, Michele Buemil, Domenico Santoro1, 1Univ Hosp Messina, Dept Clinical and Experimental Medicine, Unit Nephrology, Messina, ITALY, 2Univ Hosp Messina, Dept Clinical and Experimental Medicine, Div Cardiology, Messina, ITALY, 3Univ Hosp Messina, Dept Clinical and Experimental Medicine, Messina, ITALY.

MP114
PROGNOSIS IN PATIENTS WITH IGA NEPHROPATHY WITH EARLY LESION

MP115
SERUM LEVELS OF BAFF AND IL17 AS BIOMARKERS IN PAuci IMMUNE FOCAL SEGMENTAL NECROTISING GLOMERULONEPHRITIS (FSGN)
Maria Stangou1, Manina Schoina2, Ioanna-Theologia Lampropoulou2, Theodora Kouloukourgiotou2, Chrisostomos Dimitriadis2, Erasma Sambani2, Aikaterini Papagianni1, George Efstratiadis1, 1Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, GREECE, 2Hippokration Hosp, Dept Nephrology, Thessaloniki, GREECE.

MP116
ANCA-NEGATIVE PAUCI-IMMUNE CRESCENTIC GLOMERULONEPHRITIS: CLINICAL AND HISTOLOGICAL FEATURES
Javier Villacorta1, Francisco Diaz-Crespo2, Mercedes Acevedo3, Carmen Guerrero4, Angel Agustin Mendez-Abreu1, Alfredo Cordone1, Ramiro Cazar1, Javier Ocaña1, Eugenio Faura Diaz2, Gema Fernandez-Juaristi1, 1Hosp Fundacion Alcorcon, Nephrology, Alcorcon, SPAIN, 2Hospital Virgen De La Salud, Pathology, Toledo, SPAIN, 3Hospital Virgen De La Salud, Nephrology, Toledo, SPAIN, 4Hospital Fundacion Alcorcon, Pathology, Alcorcon, SPAIN.

MP117
NEUTROPHIL GELATINASE ASSOCIATED LIPOCALCIN AS A EARLY BIOMARKER OF DIABETIC NEPHROPATHY AND EFFECT OF RAAS BLOCKADE ON NGAL AS MARKER OF TUBULAR DAMAGE IN DIABETIC NEPHROPATHY
Anupma Kaul, Dharmendra Bhadhuaria, Manas Behera, Narayan Prasad, Amit Gupta, Raj K. Sharma, Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA.

MP118
DRUG-INDUCED GLOMERULAR KIDNEY DISEASE IN JAPAN
Hitoshi Yokoyama1, Hideki Yamaya1, Hitoshi Sugiyama2, Ichie Narita3, 1Kanazawa Medical Univ School Medicine, Dept Nephrology, Uchinada, JAPAN, 2Kayama Univ Graduate School Medicine, Dentistry, and Pharmaceutical Sciences, Dept Medicine and Clinical Science, Okayama, JAPAN, 3Niigata Univ Graduate School Medical and Dental Sciences, Div Clinical Nephrology and Rheumatology, Niigata, JAPAN.
Efficacy of Steroid Therapy for IgA Nephropathy
Yasuyuki Nagasawa1,2, Rhouhei Yamamoto3, Tatsuya Shouji4, Maki Shinzawa2, Tomoko Kimura1, Kiyoko Yamamoto1, Yukiko Hasuike1, Katsuyuki Nagatoya5, Atsushi Yamauchi5, Toshiaki Moriyama3, Yoshitaka Isaka2, Takeshi Nakashishi1, Hyogo College Medicine, Dept Internal Medicine, Div Kidney and Dialysis, Nishinomiya, Japan.

Clinical Pathological Analysis of Idiopathic Membranous Nephropathy in Adolescents: A More Than Two-Year Retrospective Study from a Single Chinese Nephrology Center
Chao Li, Hang Li, Yubing Wen, Xuemei Li, Xuewang Li, Peking Union Medical College Hosp, Nephrology, Beijing, China.

Outcome and Immunosuppressive Treatment of Elderly Patients with ANCA-Associated Vasculitis

The Impact of Pre-emptive Increase in Immunosuppressive Treatments on Subsequent Risk of Renal Flares in Lupus Nephritis Patients
Desmond YH Yap1, Lorraine Kwan2, Tak Mao Chan1, Univ Hong Kong, Dept Medicine, Hong Kong, HONG KONG, 2Queen Mary Hosp, Dept Medicine, Hong Kong, HONG KONG.

The Effect of Calcineurin Inhibitors in the Induction and Maintenance Treatment of Lupus Nephritis: A Systematic Review and Meta-analysis
Wei Qin, Xiaoyan Zhang, Yi Tang, West China Hosp Sichuan Univ, Dept Nephrology, Chengdu, China.

Family Defects in Factor H/FHRS of the Complement in IgA Nephropathy
Teresa Olea1, Maria E. Bernabeu-Herrero2, Lucia Rodriguez-Gayo1, Rafael Selgas1, Margarita Lopez-Trascasa3, Pilar Sanchez-Corral2, Hosp Univ La Paz, Nephrology, Madrid, Spain, Hosp Univ La Paz, Unidad Investigacion-IdiPAZ, Madrid, Spain, Hosp Univ La Paz, Immunology, Madrid, Spain.

Efficacy of Combination Therapy with Corticosteroid and Cyclosporine as Remission Induction Therapy for Idiopathic Membranous Nephropathy with Nephrotic Syndrome
Hiroaki Tanaka, Takayuki Fujii, Mizuki Shinozaki, Junya Koshizaka, Koji Saito, Noriko Oka, Satoshi Suzuki, Seirei Sakura Citizen Hosp, Kidney Center, Sakura City, Japan.

Proteuria Detection in Zebrafish Larvae Using High Sensitivity Protein Chip Analysis and Tandem Mass Spectrometry
Heiko Schenk1,2, Janina Müller-Deile1,2, Andreas Pich3, Pat Schroder2, Lynne Staggs2, Hermann Haller1,2, Mario Schiffer1,2, Hannover Medical School, Dept Nephrology and Hypertension, Hannover, Germany, 2Mount Desert Island Biological Lab, Dept Nephrology and Hypertension, Bar Harbor, ME, 3Hannover Medical School, Inst Toxicology, Hannover, Germany.

Effectiveness of High Cut-off Hemodialysis and Bortezomib Based Chemotherapy in Acute Myeloma Nephropathy
Fernando Pereira, Liliana Cunha, Pedro Campos, Luis Inchaustegui, Karina Soto, Hosp Fernando Fonseca, Nephrology, Lisbon, Portugal.

Rituximab in Challenging Nephrotic Patients A Case Series
Liliana Cunha, Bruno Rodrigues, Fernando Pereira, Pedro Campos, Karina Soto, Pedro Correia, Hosp Prof. Dr. Fernando Fonseca, Nephrology, Lisbon, Portugal.

Impact of Warming in the Incidence of Lupus Nephritis in South of Tunisia
Azza Khedhiri1, Ikrar Agebi1, Hanen Chaker1, Yosr Chaabouni1, Faycal Jararay1,2, Mahmoud Kharra11, Mohamed Ben Hmid1, Khawla Kammoun1, Tahya Boudawara3, Jamil Hachicha1, 1CHU Hedi Chaker, Nephrology, Sfax, Tunisia, 2UR12ES14, Nephrology, Sfax, TUNISIA, 3CHU Habib Bourguiba, Pathology, Sfax, Tunisia.
MP130
AURION STUDY: MULTI-TARGET THERAPY WITH VOCLOSPORIN, MMF AND STEROIDS FOR LUPUS NEPHRITIS
Neil Solomons1, Abdul Halim Abdul Gafor2, Rosnawati Yahya3, Tak Mao Chan4, Robert Huizinga1, 1Aurinia Pharmaceuticals, Clinical, Victoria, BC, CANADA, 2Univ Kebangsaan Malaysia Medical Centre Cheras, Dept Medicine, Kuala Lumpur, MALAYSIA, 3Hosp Kuala Lumpur, Dept Nephrology, Kuala Lumpur, MALAYSIA, 4Univ Hong Kong, Dept Medicine, Hong Kong, CHINA.

MP131
TEN-YEAR FOLLOW-UP OF CYCLOSPORINE TREATED PATIENTS WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY: IS THERE STILL ANY BENEFIT?
Simella ProvatoPoulou, Pantellista Kalliakman, Marios Papasotiriou, Dimitrios S. Goumenos, Univ Hosp Patras, Dept Nephrology, Patras, GREECE.

MP132
IGA NEPHROPATHY PRESENTING WITH ACUTE KIDNEY INJURY: A SERIES OF 12 CASES
Meric Oruc1, Sinan Trabulas1, Haydar Durak2, Serkan F. Yalin1, Sibel Gulcicek1, Selma Alagoz1, Banu Erkalma Şenateş1, Nurhan Seyahi1, Mehmet R. Altıparmak1, 1Istanbul Univ Cerrahpasa Medical Fac, Nephrology, Istanbul, TURKEY, 2Istanbul Univ Cerrahpasa Medical Fac, Pathology, Istanbul, TURKEY.

MP133
INDICATION FOR KIDNEY BIOPSY AND HISTOPATHOLOGICAL FINDING IN ELDERLY PATIENTS
Aleksandar Jankovic1, Petar Djuric1, Miloš Mitrovic1, Vesna Maslarevic1, Jelena Tosić Dragović1, Ana Bulatovic1, Danica Vujčić1, Jovan Ikonomovski1, Nada Dimkovic1,2, 1Izvezdara Univ Medical Center, Nephrology Dept, Belgrade, SERBIA, 2Belgrade Univ, Medical Fac, Belgrade, SERBIA.

MP134
IDIOPATHIC MINIMAL CHANGE NEPHROTIC SYNDROME IN ADULTS: FREQUENCY AND PREDICTORS FACTORS OF RELAPSES
Meriam Khadhar1, Imed Helal2, Rym Goucha1, Fethi Ben Hamida1, Ezzeddine Abderrahim1, Taieb Ben Abdallah1, 1Charles Nicolle Nicolle Hosp, Dept Medicine A (M8) and Lab Kidney disease (LR00SP01), Tunis, TUNISIA, 2Charles Nicolle Hosp, Dept Medicine A (M8), Tunis, TUNISIA.

MP135
RENAL INVOLVEMENT IN HCV RELATED CIRRHOSIS EVIDENCED AS GLOMERULAR AND TUBULAR DERMATION
Francesca Tinti1, Ilaria Umbro1, Donatella Palazzo2, Elisa Biliotti2, Alessandra Bachetoni3, Paola Perinelli2, Andrea Cappoli1, Maria Domenica D’Alessandro3, Stefania Greco2, Raffaella Labriola3, Miroslava Subic4, Paola Ruccì5, Anna Paola Mitterhofer1, Gloria Taliani2, 1Sapienza Univ, Clinical Medicine, Nephrology and Dialysis, Rome, ITALY, 2Sapienza Univ, Clinical Medicine, Infectious and Tropical Disease, Rome, ITALY, 3Sapienza Univ, Clinical Pathology, Rome, ITALY, 4Sapienza Univ, Internal Medicine, Rome, ITALY, 5Sapienza Univ, Biomedical and Neuromotor sciences, Rome, ITALY.

MP136
LUPUS NEPHRITIS: 15 YEARS EXPERIENCE FROM A SINGLE CENTRE
Jordi Soler-Majoral1, Yaiza Garcia2, Maruja Navarro1, Imane Guermah1, Berenice Guelvenzu1, Diana Samaniego1, Assumpta Serra1, José Luis Subirats3, Dolores López3, Alejandro Olive2, Helena Marco1, Josep Bonet1, 1Hosp Univ Germans Trias i Pujol, Nephrology, Badalona (Barcelona), SPAIN, 2Hosp Univ Germans Trias i Pujol, Rheumatology, Badalona, SPAIN, 3Hosp Univ Germans Trias i Pujol, Pathology, Badalona, SPAIN.

MP137
GENETIC PREDISPOSITION TO ATYPICAL HAEMOLITIC URAEMIC SYNDROME: A SINGLE CENTER EXPERIENCE
Liliana Cunha1, Ferandino Pereira1, Bruno Rodrigues1, Luis Inchaustegui1, Rita Manso2, Karina Soto1, 1Hosp Fernando Fonseca, Nephrology, Lisbon, PORTUGAL, 2Hosp Fernando Fonseca, Pathology, Lisbon, PORTUGAL.

MP138
EVALUATION OF LUPUS NEPHRITIS REMISSION IN THE COHORT PATIENTS FROM ONE CENTER
Elena V. Zakharova1, Olga V. Vinogradova1, Ekaterina S. Stolyarevich2, 1City Clinical Hosp n.a. S.P. Botkin, Nephrology, Moscow, RUSSIAN FEDERATION, 2City Nephrology Centre, Pathology, Moscow, RUSSIAN FEDERATION.

MP139
SERUM SUPAR DETERMINATIONS AS DIAGNOSTIC BIOMARKER OF FOCAL SEGMENTAL GLOMERULOSCLEROSIS - A RETROSPECTIVE ANALYSIS
Miguel Verdelho1, Carina Ferreira1, Mario Góis1, Maria Côes Santos2, Helena Viana1, Fernando Carvalho1, Francisco Ribeiro1, Fernando Nolasco1, 1Hosp Curry Cabral, CHLC, Nephrology, Lisbon, PORTUGAL, 2Centro Hosp Lisboa Central (CHLC), Immunology, Lisbon, PORTUGAL.
MP140
CLINICAL PROFILE OF NEPHROTIC SYNDROME IN ADULTS
Aswani S. Mareddy, Ravindra P. Attur, Shankar P. Nagaraju, Dharshan Rangaswamy, Mohit Madken, Srikanth Prasad, Sindhu Kaza, Karan Saraf, Srinivas V. Shenoy, Manipal Univ, Nephrology, Manipal, INDIA.

MP141
CLINICAL MARKERS OF IGA NEPHROPATHY.
Krzysztof Mucha1,2, Michał Florczak1, Bartosz Foroncewicz1, Tomasz Cieciora1, Dominika Klimczak1, Joanna Raczynska1, Maria Mulkas1, Leszek Pączek1,2, 1Infant Jesus Hosp, Dept Immunology, Transplantology and Internal Diseases, Warsaw, POLAND, 2Polish Academy Sciences, Inst Biochemistry and Biophysics, Warsaw, POLAND.

MP142
STEROID RESPONSIVENESS IN ADULT ONSET MINIMAL CHANGE NEPHROTIC SYNDROME
Meriam Khadhar, Imed Helal, Rym Goucha, Fethi Ben Abdallah, Ezzeddine Abderrahim, Taieb Ben Abdallah, Charles Nicole Hosp, Dept Medicine A (M8) and Lab Kidney disease (LR00SP01), Tunis, TUNISIA.

MP143
CLINICAL VALUE OF URINARY BIOMARKERS KIM-1, MCP-1 AND TYPE IV COLLAGEN IN THE ASSESSMENT OF KIDNEY INVOLVEMENT IN PATIENTS WITH ANCA-ASSOCIATED VASCULITIDES
Nikolay Bulanov1, Anna Seraova2, Pavel Novikov1, Sergey Moiseev1, 1Sechenov First Moscow State Medical Univ, Nephrology, Internal and Occupational Diseases, Moscow, RUSSIAN FEDERATION, 2Sechenov First Moscow State Medical Univ, Lab Immunology, Moscow, RUSSIAN FEDERATION.

MP144
AGE ADJUSTED 5 YEARS SURVIVAL OF NEW ANCA ASSOCIATED VASCULITIS PATIENTS TREATED WITH RITUXIMAB AS SINGLE INDUCTION AGENT
Noshaba Naz1, Khalid Abdulnabi1, Atif Mohiuddin2, Tom Ledson2, Alex Crowe1, 1Wirral Univ Teaching Hosp, Renal, Wirral, UK, 2Wirral Univ Hosp, Renal, Wirral, UK.

MP145
LUPUS NEPHRITIS: THE REALITY OF A PORTUGUESE NEPHROLOGY CENTRE
Cátia Cunha, Clara Santos, Susana Pereira, João Carlos Fernandes, Centro Hosp Vila-Nova de Gaia, Nephrology, Vila-Nova de Gaia, PORTUGAL.

MP146
COMPARISON OF THE EFFECT OF ORAL STEROID AND TONSILLECTOMY COMBINED WITH STEROID PULSE THERAPY FOR IGA NEPHROPATHY.
Yoshie Hoshino, Takahito Moriyama, Mitsuyo Itabashi, Takashi Takei, Ken Tsuchiya, Kosaku Nitta, Kidney Center, Tokyo Women's Medical Univ, Dept Medicine, Tokyo, JAPAN.

MP147
IMPROVEMENT OF RENAL SURVIVAL WITH STEROID THERAPY IN IGA NEPHROPATHY WITH REDUCED GLOMERULAR FILTRATION RATIO.
Ivo Laranjinha1, Patricia Matias2,3, João Cassis4, Patricia Branco2,3, André Weigert2,5, Sância Ramos4, José Diogo Barata2, 1Hosp Santa Cruz, Nephrology Dept, Lisbon, PORTUGAL, 2Hosp Santa Cruz, Nephrology Dept, Carnaxide, PORTUGAL, 3Nova Medical School, Fac Ciências Médicas, Lisbon, PORTUGAL, 4Centro Hosp Lisboa Ocidental, Pathology Dept, Lisbon, PORTUGAL, 5Univ Lisbon, Fac Medicina, Lisbon, PORTUGAL.

MP148
ANTI-PHOSPHOLIPASE A2 RECEPTOR ANTIBODIES CORRELATION WITH CLINICAL AND HISTOLOGICAL PARAMETERS REFLECTING DISEASE ACTIVITY IN IDIOPATHIC MEMBRANOUS NEPHROPATHY.
Roxana Jurubita1,2, Andreea Andronesi1,2, Bogdan Obrisca2, Vlad Berbecar2, Tudor Pascaru2, Gener Ismail1,2, 1Carol Davila Univ, Nephrology and Internal Medicine, Bucharest, ROMANIA, 2Fundeni Clinical Inst, Nephrology, Bucharest, ROMANIA.

MP149
TWO SIDES OF THE SAME DISEASE: C3 GLOMERULONEPHRITIS
Fernando Pereira1, Liliana Cunha1, Pedro Campos1, Rita Manso2, Samuel Aparicio2, Karina Soto1, 1Hosp Fernando Fonseca, Nephrology, Lisbon, PORTUGAL, 2Hosp Fernando Fonseca, Pathology, Lisbon, PORTUGAL.

MP150
RENOAL OUTCOME IN LUPUS MEMBRANOUS NEPHROPATHY
Hajji Meriam, Harzallah Amel, Kaaroud Hayet, Mami Ikrarn, Gorsane Imen, Ben Hamida Fethi, Barbouch Samia, Ben Abdallah Taieb, Charles Nicole Hosp, Dept Nephrology, Dialysis and Transplantation, Tunis, TUNISIA.
Posters

MP151
IDIOPATHIC MINIMAL CHANGE DISEASE IN ADULTS: LONG TERM RISK FACTORS FOR CHRONIC KIDNEY DISEASE
Meriam Khadhar, Imed Helal, Rym Goucha, Fethi Ben Hamida, Ezzeddine Abderrahim, Taieb Ben Abdallah, Charles Nicolle Hosp, Dept Medicine A (M8) and Lab Kidney disease (LR00SP01), Tunis, TUNISIA.

MP152
COMPENSATORY RECRUITMENT OF ENDOTHELIAL PROGENITOR CELLS IN LUPUS NEPHRITIS PATIENTS WITH PRESERVED RENAL FUNCTION
Inês Ferreira1, Janete Quelhas-Santos2, Sandra Martins2, Ana Cerqueira1, Rute Carmo1, Manuel Pestana2, 1São João Hosp Center, Nephrology, Oporto, PORTUGAL, 2Inst Investigação e Inovação em Saúde (i3S), Inst Nacional Engenharia Biomédica (INEB)-Nephrology and Infectious Diseases Research and De, Oporto, PORTUGAL.

MP153
RHEUMATOID ARTHRITIS & KIDNEY DISEASE
Khadhar Meriam, Jaziri Fatima, Harzallah Amel, Barbourch Samia, Ben Hamida Fethi, Ben Abdelghani Khawla, Ben Abdallah Taieb, Charles Nicolle Hosp, Dept Nephrology Dialysis and Renal Transplantation, Tunis, TUNISIA.

MP154
SUCCESSFUL TREATMENT OF SEVERE FOCAL SEGMENTAL GLOMERULOSCLEROSIS WITH COMBINED PLASMAPHERESIS AND TRIPLE IMMUNOSUPPRESSION
Liliana Cunha1, Fernando Pereira1, Rita Manso2, Samuel Aparicio2, Karina Soto1, 1Hosp Fernando Fonseca, Nephrology, Lisbon, PORTUGAL, 2Hosp Fernando Fonseca, Pathology, Lisbon, PORTUGAL.

MP155
ANCA ASSOCIATED VASCULITIS: PROGNOSTIC STUDY

MP156
EPIDEMIOLOGY AND RISK FACTORS FOR CYTOMEGALOVIRUS INFECTIONS IN GLOMERULAR DISEASES TREATED WITH IMMUNOSUPPRESSIVE THERAPY
Yu Tzu Tung1, Jason C. Choo2, Puay Hoon Lee1, Cynthia C. Lim2, 1Singapore General Hosp, Pharmacy, Singapore, SINGAPORE, 2Singapore General Hosp, Dept Renal Medicine, Singapore, SINGAPORE.

MP157
SYSTEMIC SMALL VESSEL VASCULITIS ASSOCIATED WITH ANTINEUTROPHIL CYTOPLASMIC ANTIBODIES: OWN EXPERIENCE
Dorota Brodowska-Kania1, Aleksandra Rymarz1, Magdalena Mosakowska1, Katarzyna Szamotulska2, Jerzy Smoszna1, Stanisław Niemczyk1, 1Military Inst Medicine, Dept Internal Diseases, Nephrology and Dialysis, Warsaw, POLAND, 2Inst Mother and Child, Dept Epidemiology, Warsaw, POLAND.

MP158
ATYPICAL HEMOLYTIC-UREMIC SYNDROME IN PREGNANCY AND POSTPARTUM: COURSE AND OUTCOMES
Yulia V. Korotchaeva, Natalia L. Kozlovskaya, Larysa A. Bobrova, I.M. Sechenov First Moscow State Medical Univ, Nephrology, Moscow, RUSSIAN FEDERATION.

MP159
TREATMENT OF IgA NEPHRPATHY WITH IMMUNOGLOBULINS
Jorge Gonzalez, Son Llatzer Hosp, Nephrology, Palma de Mallorca, SPAIN.

MP160
ANTI-PHOSPHOLIPASE A2 RECEPTOR AUTOANTIBODIES IN A GREEK POPULATION WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY
Simella Provatopoulou1, Dimitra Kalavrizioti1, Maria-Nikoleta Kouri2, Maria Stangou2, Evangelos Papachristou1, Kostas C. Siampoulos3, Dimitrios S. Goumenos1, Aikaterini Papagianni2, 1Univ Hosp Patras, Dept Nephrology, Patras, GREECE, 2Aristotle Univ Thessaloniki, Hippokration General Hosp, Dept Nephrology, Thessaloniki, GREECE, 3Univ Ioannina, School Medicine, Ioannina, GREECE.

MP161
THE DISTURBANCE OF CARBOHYDRATE METABOLISM WITH PRIMARY AND SECONDARY GLOMERULO-NEPHRITIS DURING INTENSIVE THERAPY OF GLUCOCORTICOIDs
Guzel Nurullina, Tamila Khalfina, Kazan Medical Univ, Hosp Therapy, Kazan, RUSSIAN FEDERATION.

MP162
GLOMERULAR LESIONS IN PATIENTS WITH SICKLE CELL DISEASE
Khalfaoui Mohamed Amine, CHU Ibn Rochd Casablanca, Casablanca, MOROCCO.
MP163
ROLE OF PLASMAPHERESIS AND RENAL TRANSPLANTATION IN ANTI-GLOMERULAR BASEMENT MEMBRANE ANTIBODY DISEASE
Aldo R. Hurtarte Sandoval, Mario Espinosa Hernández, Elvira Esquivias de Motta, María Luisa Agüera Morales, Ney Arenzbia Pérez, Cristian Rodelo Haad, Pedro Aljama García, Hosp Univ Reina Sofia, Nephrology, Córdoba, SPAIN.

MP164
HIGHER SERUM SCLEROSTIN LEVELS AND INSUFFICIENCY OF VITAMIN D ARE STRONGLY ASSOCIATED WITH VERTEBRAL FRACTURES IN HEMODIALYSIS PATIENTS: A CASE CONTROL STUDY
Valeria Canale1, Eleonora Di Mauro1, Luca Visconti1, Marco Atteritano2, Domenico Trimboli1, Valeria Cernaro1, Antonio Lacquanti1, AnnaMaria Bruzzone1, Michele BueM1, Domenico Santorol1, 1Univ Hosp Messina, Dept Clinical and Experimental Medicine, Unit Nephrology, Messina, ITALY, 2Univ Hosp Messina, Clinical and Experimental Medicine, Messina, ITALY.

MP165
IGA NEPHROPATHY TREATMENT – IS INTRAVENOUS STEROID PULSES REGIMEN MORE EFFECTIVE IN RE-LAPSE PREVENTION THAN ORAL STEROIDS?
Ivo Laranjinha1, Patricia Matias2,3, João Cassis4, Patricia Branco2,3, André Weigert2,5, Sânia Ramos4, José Diogo Barata2, 1Hosp Santa Cruz, Nephrology Dept, Lisbon, PORTUGAL, 2Hosp Santa Cruz, Nephrology Dept, Carnaxide, PORTUGAL, 3Nova Medical School, Fac Ciências Médicas, Lisbon, PORTUGAL, 4Centro Hosp Lisboa Occidental, Pathology Dept, Lisbon, PORTUGAL, 5Univ Lisbon, Fac Medicina, Lisbon, PORTUGAL.

MP166
CLINICAL OUTCOMES OF TONSILLECTOMY AND STEROID PULSE THERAPY FOR PATIENTS WITH IgA NEPHROPATHY
Atsushi Oyama1, Hiroyuki Matsushima2, 1Nishikobe Medical Center, Div Nephrology, Kobe City, Hyogo., JAPAN, 2Matsushima Clinic, Div Nephrology, Kobe City, Hyogo, JAPAN.

MP167
LEVAMISOLE-ADULTERATED COCAINE INDUCED SYSTEMIC VASCULITIS WITH PAUCI-IMMUNE CRESCENTIC GLOMERULONEPHRITIS: CASE REPORTS IN SOUTHERN BRAZIL

MP168
EVALUATION OF IMMUNOREGULATORY EFFECTS OF HEAT SHOCK PROTEIN 70 IN PATIENTS WITH CHRONIC GLOMERULONEPHRITIS (CGN)
Natalia Neprintseva, Natalia Tchebotareva, Irina Bobkova, Lidiya Kozlovskaya, Vladimir Varshavskiy, I.M. Sechenov First Moscow State Medical University, Nephrology, Moscow, RUSSIAN FEDERATION.

MP169
THE INFLUENCE OF RENIN-ANGIOTENSIN-ALDOSTERON SYSTEM (RAAS) BLOCKERS ON ASSMYMETRIC DIMETHYLLARGININE (ADMA) LEVEL, PROTEINURIA AND KIDNEY AND HEART FUNCTION IN PATIENTS WITH GLOMERULONEPHRITIS
Zbigniew Heleniak1, Zbigniew Zdrojewski2, Ewa Aleksandrowicz3, Piotr Wiśniewski4, Ewa Świerbłewską5, Katarzyna Kunicka5, Leszek Bieniaszewski5, Beleslav Ruttowski1, Alicja DębSi-Slizien1, 1Medical Univ GdańSk, Nephrology, Transplantology and Internal Medicine, GdańSk, POLAND, 2Medical Univ GdańSk, Internal Medicine, Connective Tissue Disease and Geriatrics, GdańSk, POLAND, 3Medical Univ GdańSk, Clinical Nutrition, GdańSk, POLAND, 4Medical Univ GdańSk, Endocrinology and Internal Medicine, GdańSk, POLAND, 5Medical Univ GdańSk, Hypertension and Diabetology, GdańSk, POLAND.

MP170
CHARACTERISTICS AND OUTCOMES OF PATIENTS WITH ANCA-ASSOCIATED VASCULITIS TREATED WITH PLASMA EXCHANGE IN A SINGLE CENTRE
Doubravka Frausova1, Zdenka Hruskova1, Vera Lanska2, Jana Lachmanova1, Vladimir Tesar1, 1General Univ Hosp Prague and First Fac Medicine, Charles Univ Prague, Dept Nephrology, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Statistical Unit, Prague, CZECH REPUBLIC.

MP171
THE INFLUENCE OF RENIN ANGIOTENSIN ALDOSTERON SYSTEM BLOCKERS ON ASSMYMETRIC DIMETHYLLARGININE LEVEL, PROTEINURIA AND KIDNEY AND HEART FUNCTION IN PATIENTS WITH GLOMERULONEPHRITIS
Zbigniew Heleniak1, Zbigniew Zdrojewski2, Ewa Aleksandrowicz3, Piotr Wiśniewski4, Ewa Świerbłewską5, Katarzyna Kunicka5, Leszek Bieniaszewski5, Beleslav Ruttowski1, Alicja DębSi-Slizien1, 1Medical Univ GdańSk, Nephrology, Transplantology and Internal Medicine, GdańSk, POLAND, 2Medical Univ GdańSk, Internal Medicine, Connective Tissue Disease and Geriatrics, GdańSk, POLAND, 3Medical Univ GdańSk, Clinical Nutrition, GdańSk, POLAND, 4Medical Univ GdańSk, Endocrinology and Internal Medicine, GdańSk, POLAND, 5Medical Univ GdańSk, Hypertension and Diabetology, GdańSk, POLAND.
MP172
TOCILIZUMAB TREATMENT FOR NEPHROTIC SYNDROME DUE TO SECONDARY AMYLOIDOSIS IN RHEUMATIC AND INFLAMMATORY DISEASES.
Sheila Cabello Pelegrin1, Miguel Giovanni Uriol Rivera1, Julia Fernandez Melón2, Javier Rascón Risco3, 1Hosp Univ Son Espases, Nephrology, Palma de Mallorca, SPAIN, 2Hosp Univ Son Espases, Rheumatology, Palma de Mallorca, SPAIN, 3Hosp Univ Son Espases, Internal Medicine, Palma de Mallorca, SPAIN.

MP173
RITUXIMAB TREATMENT IN RESISTANT PRIMARY GLOMERULONEPHRITIS: A CROATIAN CLINICAL RETROSPECTIVE STUDY
Mario Laganovic1,2, Mladen Knotek3,2, Krešimir Galešić4,2, Dario Nakić5, Dubravka Mihaljević6,7, Ana Vrdoljak1, Vanja Ivković1, Marijana Ćorić8,2, Danica Ljubanović Galešić9,2, Bojan Jelaković1,2, 1Univ Hosp Center Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA, 2School Medicine Univ Zagreb, Zagreb, CROATIA, 3Clinical Hosp Merkur, Dept Nephrology, Zagreb, CROATIA, 4Clinical Hosp Dubrava, Dept Nephrology and Dialysis, Zagreb, CROATIA, 5General Hosp Zadar, Dept Nephrology and Dialysis, Zadar, CROATIA, 6Univ Hosp Center Osijek, Dept Nephrology, Osijek, CROATIA, 7School Medicine Univ Osijek, Osijek, CROATIA, 8Univ Hosp Center Zagreb, Dept Pathology, Zagreb, CROATIA, 9Clinical Hosp Dubrava, Dept Pathology, Zagreb, CROATIA.

MP174
EXTRACAPILLARY GLOMERULONEPHRITIS IN THE RHEUMATOID PURPURA IN ADULTS
ACUTE KIDNEY INJURY. EXPERIMENTAL - 2

MP175
EXENDIN-4 PROTECTS AGAINST RENAL ISCHEMIA-REPERFUSION INJURY THROUGH ACTIVATION OF NRF2 SIGNALING PATHWAY
Chih-Chao Yang, Feng-Rong Chuang, Chih-Hsiung Lee, Kaohsiung Chang Gung Memorial Hosp, Div Nephrology, Dept Internal Medicine, Kaohsiung City, TAIWAN.

MP176
CYTORESISTANCE OF TUBULAR CELLS AFTER AKI INDUCED BY URANYL ACETATE IN RATS IS ASSOCIATED WITH MODULATION OF CYCLIN D1 AND P27
Takamasa Iwakura1, Tomoyuki Fujikura1, Naro Ohashi1, Hideo Yasuda1, Yoshihide Fujigaki2, 1Hamamatsu Univ School Medicine, Internal Medicine I, Div Nephrology, Hamamatsu, JAPAN, 2Teikyo Univ School Medicine, Dept Internal Medicine, Tokyo, JAPAN.

MP177
DAPLAGLIFLOZIN AMELIORATES ISCHEMIA REPERFUSION RENAL INJURY VIA HIF1 INDUCTION.
Dae Eun Choi1, Hyunsu Choi2, Jin Young Jeong1, Yoon-Kyung Chang3, Sarah Chung1, Ki-Ryang Na1, Kang Wook Lee1, 1Chungnam National Univ Hosp, Nephrology, Daejeon, KOREA, 2Daejeon Saint Mary Hosp, Clinical Research Inst, Daejeon, KOREA, 3Daejeon Saint Mary Hosp, Nephrology, Daejeon, KOREA.

MP178
ISCHEMIA REPERFUSION INJURY INDUCES A PRO-FIBROTIC PHENOTYPE IN HUMAN PROXIMAL TUBULAR EPITHELIAL CELLS
Rishab Kapoor1, John Kirby2, Ian Logan1, Neil Sheerin1, 1Newcastle Univ, Fibrosis Lab, Inst Cellular Medicine, Newcastle Upon Tyne, UK, 2Newcastle Univ, Immunobiology Lab, Inst Cellular Medicine, Newcastle Upon Tyne, UK.

MP179
PRETREATMENT WITH PARICALCITOL ATTENUATES OXIDATIVE STRESS IN RENAL ISCHEMIA REPERFUSION INDUCED NEPHROPATY IN RATS
Yasar Yildirim1, Zülfükar Yilmaz1, Ali K. Kadiroglu1, Ali V. Kara1, Veysi Bahadir2, Emre Aydin3, Fatma Y. Aydin3, Aydin Ketan4, Ibrahim Kaplan5, Engin D. Yilmaz6, Mehmet E. Yilmaz7, 1Dicle Univ Fac Medicine, Nephrology, Diyarbakir, TURKEY, 2Dicle Univ Fac Medicine, General Surgery, Diyarbakir, TURKEY, 3Dicle Univ Fac Medicine, Internal Medicine, Diyarbakir, TURKEY, 4Dicle Univ Fac Veterinary Medicine, Histology and Embryology, Diyarbakir, TURKEY, 5Dicle Univ Fac Medicine, Biochemistry, Diyarbakir, TURKEY, 6Dicle Univ Fac Medicine, Pathology, Diyarbakir, TURKEY.

MP180
NFKBIZ PROTEIN DOWNREGULATION IN ACUTE KIDNEY INJURY: MODULATION OF INFLAMMATION AND SURVIVAL IN TUBULAR CELLS
Jonay Poveda, Ana Belén Sanz, Marta Ruiz-Ortega, Susana Carrasco, Alberto Ortiz and Maria Dolores Sánchez-Niño, IIS-Fundación Jiménez Díaz, Nephrology, Madrid, SPAIN.

MP181
REACTIVE OXYGEN SPECIES VIA NOX2 SIGNAL PLAY A PROTECTIVE ROLE AGAINST ACUTE RENAL INJURY IN NOX2-DEFICIENT MICE
Yasuo Takeuchi1, Emiko Takeuchi2, 1Kitasato Univ School Medicine, Nephrology, Sagamihara, JAPAN, 2Kitasato Univ School Medicine, Immunology, Sagamihara, JAPAN.

MP182
GSK-3B IS A KEY REGULATOR OF KIDNEY CELLS VIABILITY UNDER AKI OF DIFFERENT ORIGIN
Egor Y. Plotnikov1, Stanislavas S. Jankauskas1, Maria A. Morosanova2, Irina B. Pevzner1, Ljudibava D. Zoro3, Vladimir I. Kirpavosky4, Dmitry B. Zoro1, 1Lomonosov Moscow State Univ, A. N. Belozersky Inst Physico-Chemical Biology, Structure and Functions Mitochondria Lab, Moscow, RUSSIAN FEDERATION, 2Lomonosov Moscow State Univ, Fac Bioengineering and Bioinformatics, Moscow, RUSSIAN FEDERATION, 3Lomonosov Moscow State Univ, A. N. Belozersky Inst Physico-Chemical Biology, International Laser Center, Moscow, RUSSIAN FEDERATION, 4Research Inst Urology, Experimental Urology, Moscow, RUSSIAN FEDERATION.

MP183
CARBONYL STRESS REVISITED IN ACUTE KIDNEY INJURY IN TROPIC
Pinaki Mukhopadhyay, NRS Medical College, Nephrology, Kolkata, INDIA.

MP184
THE EFFECT OF VITAMIN E PROPHYLAXIS ON EXPERIMENTAL AMIKACIN-INDUCED NEPHROTOXICITY MODEL
Gulay Bulut1, Elif ArI2, Yildrمار Basbugan3, Hamit H. Alp4, Irfan Bayram1, 1Yuzuncu Yil Univ, Pathology, Van, TURKEY, 2Kartal Research and Training Hosp, Nephrology, Istanbul, TURKEY, 3Yuzuncu Yil Univ, Veterinary Medicine, Van, TURKEY, 4Yuzuncu Yil Univ, Biochemistry, Van, TURKEY.
Posters

MP185
MICROSOMAL AND EXOSOMAL GLUTAMYL AMINOPEPTIDASE IN URINE ARE EARLY AND PREDICTIVE BIO-MARKERS OF RENAL DYSFUNCTION IN CISPLATIN-TREATED RATS
María Del Carmen De Gracia Guindo1, Sebastian Montoro-Molina2, Andres Quesada1, Antonio Osuna Ortega1, Francisco O Valle Ravasa3, M Gómez Guzman2, Felix Vargas Palomares4, Rose Mary Wangensteen2, 1Hosp Virgen de las Nieves, Nephrology, Granada, SPAIN, 2Univ Jaén, Dep Ciencias Salud, Area Fisiologia, Jaen, SPAIN, 3Dep Anatomía Patológica, IBIMER, Univ Granada, Pathology Anatomy, Granada, SPAIN, 4Dep Fisiología, Fac Medicina, Univ Granada, Physiology, Granada, SPAIN.

MP186
THE CHARACTERISTICS OF CHEMOKINE REGULATION IN LPS-TREATED ENDOTHELIAL CELLS
Hye Min Choi, Dong-Jin Oh, Myongji Hosp, Seonam Univ College Medicine, Internal Medicine, Goyang, KOREA.

MP187
DEVELOPMENT OF A MOUSE MODEL OF CONTRAST AGENT-INDUCED ACUTE KIDNEY INJURY
Gábor Szénási, Edit Dósa, Kristian Hamandsen, María Godó, Pál Tod, Norbert Kiss, Tamás Kaucsár, Péter Hamar, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

MP188
NLRP3 INFLAMMASOME
Jianxiao Shen, Renji Hosp, Nephrology, Shanghai, CHINA.

MP189
ROLE OF CASPASES AND CALPAIN IN PROINFLAMMATORY CYTOKINES EXPRESSION IN LPS-TREATED ENDOTHELIAL CELLS
Hye Min Choi, Dong-Jin Oh, Myongji Hosp, Seonam Univ College Medicine, Internal Medicine, Goyang, KOREA.

MP190
UNFRACTIONED BONE MARROW MONONUCLEAR CELLS INFUSION IN RATS WITH ISCHEMIA/REPERFUSION ACUTE KIDNEY INJURY
Valery Pilotovich1, Kirill Komissarov1, Marina Zafranskaya2, Maria Yurkevich3, Daria Nizheharodava3, Margarita Dmitrievav4, 1Belarusian Medical Academy Postgraduate Education, Nephrology, Minsk, BELARUS, 2Belarusian Medical Academy Postgraduate Education, Immunology, Minsk, BELARUS, 3Belarusian Academy Postgraduate Education, Immunology, Minsk, BELARUS, 4City Minsk Pathological Bureau, Pathology, Minsk, BELARUS.

MP191
CATHETER-BASED RENAL SYMPATHETIC DENERVATION INDUCES REVERSIBLE ACUTE KIDNEY INJURY AND MYOCARDIAL DAMAGE THROUGH THE ACTIVATION OF CASPASE-1 AND NLRP3 INFLAMMASOME
Dong Won Lee1, Jeong-Su Kim1, Il Young Kim1, Min Jung Kim1, Joohi Kim1, Harin Rhee2, Eun Young Seong2, Sang Heon Song2, Soo Bong Leel, Ihm Soo Kwak2, 1Pusan National Univ School Medicine, Internal Medicine, Yangsan, KOREA, 2Pusan National Univ School Medicine, Internal Medicine, Busan, KOREA.

MP192
EVALUATION OF AEROBIC EXERCISE ON THE RECOVERY PHASE OF ACUTE KIDNEY INJURY INDUCED BY GENTAMICIN IN RATS
Clemerson S. Oliveira, Adelson M. Rodrigues, Guilherme B. Nogueira, Marcos A. Nascimento, Giovana R. Punaro, Elisa M. Higa, UNIFESP, Medicine, Sao Paulo, BRAZIL.

MP193
ANTIOXIDANT INDEPENDENT EFFECTS OF N ACETYL-CISTEINE FOR A TAILORED PREVENTION OF CISPLATIN NEPHROTOXICITY
Sandra M. Sancho-Martinez1, Laura Prieto-Garcia1,2,3, Nélida Elena1,2, José-Miguel López-Novoa1,2, Francisco J. López-Hernández1,2,3, 1Unidad Fisiopatología Renal y Cardiovascular, Inst Reina Sofía Investigación Nefrológica

MP194
TRPS1 PROMOTES RENAL REPAIR BY PDE4D/P13K/AKT SIGNALING IN RENAL ISCHEMIA/REPERFUSION INJURY
Ju-Rong Yang, Ke-Hong Chen, Kun Huang, Bi-Qiong Fu, Li-Rong Lin, Jian-guo Zhang, Kai-Long Li, Ya-Ni He, Third Military Medical Univ, Dept Nephrology, Daping Hosp, Chongqing, CHINA.
MP195
EVALUATION OF MARKERS OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE DECOMPENSATED HEART FAILURE IN THE ASSESSMENT METHODS DECONGESTION
Igor Gorda1, Andrey Bezrodnjyi2, Bogomolet’s National Medical Univ, ICU, Kiev, UKRAINE, 2Bogomolets National Medical Univ, Dept Internal Medicine, Kiev, UKRAINE.

MP196
PROSOSTIC VALUE OF URINE NGAL (UNGAL) AND IL18 (UIL18) IN CRITICAL ILL PATIENTS AT THE ADMISSION TO AN INTENSIVE CARE UNIT (ICU)

MP197
EARLY MORTALITY ON CONTINUOUS RENAL REPLACEMENT THERAPY (CRRT): THE PRAIRIE CRRT STUDY
Bhanu Prasad1, Michelle Urbanski2, Erwin Karreman3, 1Regina Qu Apelle Health Region, Nephrology, Regina, SK, CANADA, 2Univ Saskatchewan, College Medicine, Regina, SK, CANADA, 3Regina Qu Apelle Health Region, Research and Performance Support, Regina, SK, CANADA.

MP198
NEPHROPRESIVE EFFECTS OF CARNITINE AND PHOSPHODIESTERASE-5 INHIBITOR THERAPY IN CONTRAST-INDUCED NEPHROPATHY
Zaher A. Armaly1, Suheil Artui2, Adel R. Jabbour3, Raymond Farah4, Amir Abd Elkadiri, Zaid Abass5, 1EMMS, Nephrology, Nazareth, ISRAEL, 2EMMS, Radiology, Nazareth, ISRAEL, 3EMMS, Biochemical Lab, NAZARETH, ISRAEL, 4Ziv Hosp, Internal Medicine Dept B, Safed, ISRAEL, 5Technion-IIT, Physiology, Haifa, ISRAEL.

MP199
COMMUNITY-ACQUIRED ACUTE KIDNEY INJURY IS ASSOCIATED WITH CARDIOHEPATIC SYNDROME IN DECOMPENSATED HEART FAILURE
Anzhela Soloveva, Olga Lukina, Svetlana Villevalde, Zhanna Kobalava, Peoples Friendship Univ Russia (PFUR), Dept Internal Diseases Propaedeutics, Moscow, RUSSIAN FEDERATION.

MP200
THE IMPACT OF ACUTE KIDNEY INJURY ON IN-HOSP MORTALITY IN ACUTE ISCHEMIC STROKE PATIENTS UNDERGOING INTRAVENOUS THROMBOLYSIS
Florica Gadalean1, Mihaela Simu2, Ruxandra Joikits2, Florina Parv3, Luciana Marc4, Ligia Petrica4, Romulus Timar5, Flaviu Bob4, Adelina Mihaxcuc4, Bogdan Timar6, Aladert Schiller7, 1Univ Medicine and Pharmacy Timisoara, Romania, Nephrology, Timisoara, ROMANIA, 2Victor Babes Univ Medicine and Pharmacy, Neurology, Timisoara, ROMANIA, 3Victor Babes Univ Medicine and Pharmacy, Cardiology, Timisoara, ROMANIA, 4Victor Babes Univ Medicine and Pharmacy, Nephrology, Timisoara, ROMANIA, 5Victor Babes Univ Medicine and Pharmacy, Dept Diabetes and Metabolic Diseases, Timisoara, ROMANIA, 6Victor Babes Univ Medicine and Pharmacy, Dept Medical Informatics and Biostatistics, Timisoara, ROMANIA, 7Dept Medical Informatics and Biostatistics, Nephrology, Timisoara, ROMANIA.

MP201
URINARY TISSUE INHIBITOR METALLOPROTEINASE-2 (TIMP-2) AND IGF-BINDING PROTEIN-7 (IGFBP7) LEVELS ARE ASSOCIATED WITH PERSISTENT OLGURIA IN ACUTE KIDNEY INJURY: PRELIMINARY RESULTS
Jose Pelayo Moiron Fernandez-Felechosa1, Diana López Espinosa1, Maitane Izaguirre2, Maria Jose Molina Higuerras1, Jose Maria Mora Gutierrez1, Paloma Leticia Martin Moreno1, Francisco Javier Lavilla Royo1, Ricardo Calderon3, Pablo Monedero3, Nerea Varo2, Nuria Garcia-Fernandez1, 1Univ Navarra, Nephrology, Pamplona, SPAIN, 2Univ Navarra, Biochemistry, Pamplona, SPAIN, 3Univ Navarra, Anesthesiology, Pamplona, SPAIN.

MP202
BRAIN NATORURETIC PEPTIDE FOR FLUID MANAGEMENT AND PREDICTION OF RENAL OUTCOME IN THE CRITICALLY ILL PATIENTS
Yu-Hsiang Chou, National Taiwan Univ, Internal Medicine, Renal Div, Taipei, TAIWAN.

MP203
FACTORS ASSOCIATED WITH RENAL RECOVERY AMONG PATIENTS HOSPIZED DUE TO AKI
Tomasz Hryszko, Katarzyna Klejna, Karolina Perkowska, Szymon Brzosko, Naumnik Beata, Medical Univ Bialystok, I Dept Nephrology and Transplantation with Dialysis Unit, Bialystok, POLAND.
MP204  ACUTE KIDNEY INJURY IN PATIENTS WITH FALCIPARUM MALARIA - A STUDY FROM NORTH EAST REGION OF INDIA
Manjuri Sharma1, Swaroop K. Baruah2, Subhajit Mitra2, Rohit Goel3, 1GMCH, Nephrology, Guwahati, INDIA, 2Gauhati Medical College and Hosp, Medicine, Guwahati, INDIA, 3Gauhati Medical College and Hosp, Nephrology, Guwahati, INDIA.

MP205  INCIDENCE AND RISK FACTORS OF CONTRAST-INDUCED NEPHROPATHY AFTER TRANSCATHETER ARTERAL CHEMOEMBOILIZATION IN HEPATOCELLULAR CARCINOMA
Mari Aoe1, Takafumi Kanemitsu1, Takamasa Ohki2, Hiroko Ambe1, Emi Furukawa1, Yu Kurata1, Masahiro Ichikawa1, Ken Ohara1, Tomoko Honda1, Satoshi Furusel1, Katsunori Saito1, Nobuo Toda2, Naobumi Mise1, 1Mitsui Memorial Hosp, Nephrology, Tokyo, JAPAN, 2Mitsui Memorial Hosp, Gastroenterology, Tokyo, JAPAN.

MP206  PLASMA RENALASE AS A BIOMARKER FOR ACUTE RENAL INJURY AFTER CARDIAC SURGERY
Ihab A. Ibrahim1,2, Manal M. Al-Deeb2, Amal A. Mohammed3, Hossam F. Sayed4, 1,2Faculty of Medicine, Dept Nephrology, Cairo Univ, Cairo, Egypt, 3 Fac Medicine, Dept Clinical Pathology, Cairo Univ, Cairo, Egypt, 4 Fac Medicine, Dept Cardiothoracic Surgery, Cairo Univ, Cairo, Egypt.

MP207  SERUM MATRIX METALLOPROTEINASES MMP-2 AND MMP-9 AND METALLOPROTEINASE TISSUE INHIBITORS TIMP-1 AND TIMP-2 IN PATIENTS WITH ACUTE KIDNEY INJURY
Oskar Zakiyanov1, Marta Kalousova2, VitĚzslav Krha3, Jan Vache1, Tomas Zima2, Vladimir Tesar1, First Fac Medicine, Charles Univ Prague and General Univ Hosp Prague, Dept Nephrology, Prague, CZECHE REPUBLIC, 2First Fac Medicine, Charles Univ Prague and General Univ Hosp Prague, Inst Medical Biochemistry and Lab Diagnostics, Prague, CZECHE REPUBLIC, 3Fac Electrical Engineering, Czech Technical Univ Prague, Dept Physics, Prague, CZECHE REPUBLIC.

MP208  SERUM AND URINARY MARKERS OF ACUTE KIDNEY INJURY AFTER COMPLEX HEPATIC SURGERY
Carlo Donadio1, Maria Enrica Baronti1, Laura Bozzo1, Domenico Giannessel1, Elisabetta Giglio1, Emanuela Mangione1, Giovanna Pasquariello1, Antonio Luccacchini2, Laura Giusti2, Elena Donadio2, Francesco Forfori3, Chiara Leo-ni4, Gabriella Licitra4, Piero Buccianti5, Lucio Urbani5, 1Univ Pisa, Clinical and Experimental Medicine, Pisa, ITALY, 2Univ Pisa, Pharmacy, Pisa, ITALY, 3Univ Pisa, Critical Medicine, Pisa, ITALY, 4AOUP, Critical Medicine, Pisa, ITALY, 5AOUP, Chirurgia Colo-Rettale, Pisa, ITALY.

MP209  MILD-TO-MODERATE PROTEINURIA IS A HERALDING SIGN FOR ACUTE KIDNEY INJURY AND MORTALITY FOR ICU PATIENTS
Hasan H. Yetel1, Atila Kara2, Tolga Yildirim3, Damla N. Eyupoglu1, Tural Payayev1, Abdullah T. Aslan1, Omer F. Akcay1, Oktay H. Aktepe1, Arzu Topeli Iskit2, Mustafa Arici3, 1Hacettepe Univ Fac Medicine, Internal Medicine, Ankara, TURKEY, 2Hacettepe Univ Fac Medicine, Intensive Care Units, Ankara, TURKEY, 3Hacettepe Univ Fac Medicine, Nephrology, Ankara, TURKEY.

MP210  OUTCOMES OF CRRT IN THE ELDERLY PATIENTS
Ilun Soo Kwak1, Harin Rhee1, Jong Man Park1, Sang Heon Song1, Eun Young Seong1, Il Young Kim2, Dong Won Lee2, Soo Bong Lee2, Pusan National Univ Hosp, Nephrology, Busan, KOREA, 2Yangsan-Pusan National Univ Hosp, Nephrology, Yangsan, KOREA.

MP211  PREVALENCE AND PROGNOSTIC VALUE OF CONTRAST-INDUCED ACUTE KIDNEY INJURY IN PATIENTS WITH ELECTIVE PERCUTANEOUS INTERVENTION
Anna Gaskina1, Svetlana Villevalde2, Nadezhda Khodorovich3, Zhanna Kobalava2, 1Peoples’ Friendship Univ Russia, Dept Internal Disease Propaedeutics, Moscow, RUSSIAN FEDERATION, 2Peoples Friendship Univ Russia (PFUR), Dept Internal Disease Propaedeutics, Moscow, RUSSIAN FEDERATION, 3Peoples Friendship Univ Russia (PFUR), Dept General Pathology and Pathological Physiology, Moscow, RUSSIAN FEDERATION.

MP212  URINARY UROMODULIN AND CLINICAL OUTCOMES IN OLDER ADULTS
Pranav Garimella, Tufts Medical Center, Div Nephrology, Boston, MA.

MP213  GLUTAMYL AMINOPEPTIDASE ACTIVITY IN MICROSOMAL FRACTION OF URINE IS AN EARLY BIOMARKER OF AKI IN PATIENTS UNDERGOEHE TO CARDIAC SURGERY
Antonio Osuna1, Maria Del Carmen De Gracia Guindo1, Andres Quesada1, Francisco Manzano2, Sebastian Montoro-Molina3, Ana Maria Comino1, Rosemary Wangensteen3, 1Hosp Virgen de las Nieves, Nephrology, Granada, SPAIN, 2Hosp Virgen de las Nieves, Unidad Cuidados Intensivos, Granada, SPAIN, 3Univ Jaen, Area Fisiologia, Dep Ciencias Salud, Jaen, SPAIN.
MP214
ACUTE KIDNEY INJURY IN CRITICALLY ILL SEPTIC PATIENTS: A COMPARISON BETWEEN EXISTENTS CLASSIFICATIONS FOR ACUTE KIDNEY INJURY
Marta Pereira1, Natasha Rodrigues1, Iolanda Godinho1, João Gouveia2, Zélia Costa e Silva2, António Gomes da Costa1, José António Lopes1, 1Centro Hosp Lisboa Norte, EPE, Nephrology and Kidney Transplant Dept, Lisboa, PORTUGAL, 2Centro Hosp Lisboa Norte, EPE, Intensive Care Unit, Lisboa, PORTUGAL.

MP215
CRESCENTIC GLOMERULONEPHRITIS ASSOCIATED WITH ANTITHYROID DRUG TREATMENT
Azza Khedhir1, Yosr Chaabouni1, Ikram Agreb1, Aicha Talmoudi1, Houda Feriani1, Najla Dammak1, Mahmoud Kharrat1, Fayçal Jarraya1, Mohamed Ben Hmidal1, Khawa Kammoun1, Tahya Boudawara2, Jamil Hachicha1, 1CHU Habib Bourguiba, Pathology, Sfax, TUNISIA, 2CHU Tunis, Internal Medicine, Tunis, TUNISIA.

MP216
CLINICAL IMPROVEMENT IN HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS WITH DAILY ADSORPTIVE HEMOPERFUSION
C Ornillo1, V Kuntsevich1, A Astua2, C Peng2, I Barash1, V J. Capponi3, P P. Chan3, J F. Winchester1, 1Mount Sinai Beth Israel, Nephrology, New York, NY, 2Mount Sinai Beth Israel, Pulmonary and Critical Care, New York, NY, 3CytoSorbents Medical Inc., R&D, Monmouth Junction, NJ.

MP217
DIABETES MELLITUS DOES NOT INCREASE THE INCIDENCE OF ACUTE KIDNEY INJURY AFTER CARDIAC SURGERY IN PATIENTS WITH CHRONIC KIDNEY DISEASE: A NESTED CASE-CONTROL STUDY.
Loutradis Charalampos1, Maria Moschopoulou2, Fotini Ampatzidou2, Afroditi Mpoutou3, Charilaos-Panagiottis Koutsoogiannidis4, Georgios Drosos2, Pantelis A. Sarafidis1, Hippokration Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, GREECE, 2Papanikolaou Hosp, Dept Cardiothoracic Surgery, Thessaloniki, GREECE, 3Papanikolaou Hosp, Respiratory High-Dependency Care Unit, Thessaloniki, GREECE.

MP218
NEW HORIZONS IN CRS: A COMPLIMENTARY CLASSIFICATION FOR CRS TYPE 1. THE SEARCH FOR A LINK AMONG CLINICAL, PATHOPHYSIOLOGIC EVENTS AND THERAPEUTICS
Pablo Klin1, Luis M. Gutierrez2, Carola Zambrano1, Federico Zeppa1, Andres Bilbao1, Pablo Raafaelo2, Favaloro Foundation, Nephrology, Dialysis and Transplantation, Buenos Aires, ARGENTINA, 2Favaloro Foundation, Nephrology, Dialysis and Transplantation, Buenos Aires, ARGENTINA, 3Favaloro Foundation, Intensive Care Unit, Buenos Aires, ARGENTINA.

MP219
USE OF REAL- TIME ULTRASOUND GUIDANCE FOR TEMPORARY FEMORAL VEIN CATHETERIZATION
Fernando Caravaca, Nuria Rodríguez, Maite Rivera, Martha Diaz, Victor Burguera, Estefanía Yerovi, Saul Pampa, Fernando Llano, Hosp Univ Ramón y Cajal, UAH, RedinRen, IryCis, Nephrology, Madrid, SPAIN.

MP220
ACUTE KIDNEY INJURY AMONGST THE ELDERLY: DOES FRAILTY AFFECT OUTCOME IN AKI?
Farah E. Latif, Morriston Hosp, Nephrology Dept, Swansea, UK.

MP221
EFFECTS OF ISCHAEMIC CONDITIONING ON MAJOR CLINICAL OUTCOMES IN PEOPLE UNDERGOING INVALID PROCEDURES: A SYSTEMATIC REVIEW AND METAANALYSIS
Louisa Sukkar1, Daqing Hong2, Muh Geot Wong2, Sunil V. Badve1, Vlad Perkovic1, Xueqing Yu3, Graham S. Hills1, Martin Gallagher1, Meg Jardine1, 1George Inst Global Health, Renal and Metabolic, NSW, AUSTRALIA, 2Sichuan Academy Medical Sciences & Sichuan Provincial People’s Hosp, Div Nephrology, Chengdu, CHINA, 3Sun Yat-Sen Univ, Div Nephrology, Guangdong Province, CHINA, 4Univ Western Australia, Medicine and Pharmacology, Crawley, AUSTRALIA.

MP222
INTRODUCTION AND USAGE ASSESSMENT OF A FIRST GENERATION AKI CHECKLIST BUNDLE
Ruth C. Silverton, Samuel J. McMeekin, Donald Richardson, York District Hosp, Renal Medicine, York, UK.

MP223
EVALUATION OF THE FRACTIONAL EXCRETION OF SODIUM AND LITHIUM IN DISCRIMINATING PRERENAL AZOTEMIA FROM ACUTE TUBULAR NECROSIS
Abbas Ali Zeraati1, Tina Zeraati1, Farmaz Sahii1, Freshteh Mamdouhi1, Zahra Lotfi1, Masoud Univ Medical Sciences, Internal Medicine, Mashhad, IRAN, 2Research Committee Mashhad Univ Medical Sciences, Internal Medicine, Mashhad, IRAN, 3Kidney Transplantation Complications Research Center, Mashhad Univ Medical Sciences, Internal Medicine, Mashhad, IRAN.
MP224
EFFECTS OF INTRAABDOMINAL PRESSURE ON URINARY NGAL LEVELS IN LAPAROSCOPIC CHOLECYSTECTOMY
Nergiz Bayrakci1, Tezcan Akin2, Nihal Ozkayar1, Turan Turhan3, Ilknur Turan2, Merve Akin4, Ezgi Yenigun1, Simal Cevher1, Fatih Dedé1, 1Ankara Numune Education and Research Hosp, Nephrology, Ankara, TURKEY, 2Ankara Numune Education and Research Hosp, General Surgery, Ankara, TURKEY, 3Ankara Numune Education and Research Hosp, Biochemistry, Ankara, TURKEY, 4Public Hosp Administration Turkey, General Surgery, Ankara, TURKEY.

MP225
DOES CONTINUOUS VENOUS VENOUS HAEMODIALYSIS PERFORMED WITH HIGH CUT-OFF MEMBRANE (CVVH-HCM) AFFECT INTRAVENOUS MICAFUNGIN THERAPY IN CRITICALLY ILL SEPTIC PATIENTS?
Tenorio Teresa1, Sara Luque2, Vicente Pintado3, Nilda Martinez Castro4, Sergio Saez5, Javier Cobos3, Pilar Martín Díaz6, Jesús Fortun7, Fernando Llano8, 1Hosp Univ Ramón y Cajal, UAH, RedinRen, Nephrology, Madrid, SPAIN, 2Hosp del Mar, Pharmacy, Barcelona, SPAIN, 3Hosp Univ Ramón y Cajal, Infectious Diseases, Madrid, SPAIN, 4Hosp Univ Ramón y Cajal, Anesthesiology, Madrid, SPAIN, 5Hosp Univ Ramón y Cajal, Intensive Care Medicine, Madrid, SPAIN, 6Hosp Univ Ramón y Cajal, Nephrology, Madrid, SPAIN.

MP226
RISK FACTORS AND IMPACT OF ACUTE KIDNEY INJURY IN NEUROC RITICAL CARE
Stefan Böttner1, Andrea Stadler1, Christoph Mayer3, Christoph Betz1, Helmut Geiger1, Oliver Jung1, 1Univ Hosp Frankfurt, Medical Clinic III - Dept Nephrology, Frankfurt am Main, GERMANY, 2Univ Hosp Frankfurt, Dept Neurosurgery, Frankfurt am Main, GERMANY, 3Univ Hosp Frankfurt, Dept Neurology, Frankfurt am Main, GERMANY.

MP227
EFFECT OF PRE-TREATMENT WITH ORAL SUPEROXIDE DISMUTASE ON SERUM MARKERS OF KIDNEY AND ENDOTHELIAL INJURY IN PATIENTS UNDERGOING PLANNED RADIOLOGICAL INVESTIGATIONS WITH INTRAVENOUS CONTRAST MEDIUM ADMINISTRATION
Marta Jagodzinska, Szymon Jagodzinski, Michał Nowicki, Medical Univ Łódź, Dept Nephrology, Hypertension and Kidney Transplantation, Łódź, POLAND.

MP228
RENAL RECOVERY AFTER ACUTE KIDNEY INJURY. DETECT-H PROJECT
Silvia Gonzalez Sanchidrian, Pedro Jesus Labrador Gomez, Mariana Del Carmen Jiménez Herrero, Santiago Polanco Candelario, Elena Davin Carrero, Laura Piquero Calleja, Jesus Pedro Marin Alvarez, Jose Maria Sanchez Montalban, Javier Deira Lorenzo, Juan Ramon Gomez-Martino Arroyo, San Pedro de Alcantara Hosp, Nephrology, Caceres, SPAIN.

MP229
EFFECT OF VENOUS CONGESTION ON WORSENING RENAL FUNCTION IN DECOMPENSATED HEART FAILURE PATIENTS
Abd El Basset Sharawy1, Adel Gamal2, Haitham Ezzati3, Amr Mohab1, 1Ain Shams Univ, Nephrology Dept, Cairo, EGYPT, 2Ain Shams Univ, Cardiology Dept, Cairo, EGYPT.

MP230
SYNTHETIC CANNABINOID AND KIDNEY
Erman Özdemir1, Pınar Kutlutürk Özdemir2, ErdıoCan Özdemir3, Meral Meşel1, Ergün Parmaksızı1, Gülşah Boz1, Okan Akyüzı1, Zerrin Bıçık Bahçeştaşı1, 1Dr Lutfi Kirdar Training and Research Hosp, Nephrology, Istanbul, TURKEY, 2Dr Lutfi Kirdar Training and Research Hosp, Internal Medicine, Istanbul, TURKEY, 3Flrat Univ, School Medicine, Internal Medicine, Elazığ, TURKEY.

MP231
PHASE ANGLE AND EXTRACELLULAR HYPERVOLEMIA, AS A PROGNOSTIC MARKERS IN ACUTE KIDNEY INJURY
Fco Javier Lavilla Royo, Maria Jose Molina Higueras, Diana Lopez Espinosa, Jose Pelayo Moiron Fernandez-Felechosa, Christian Israel Alfaro Sanchez, Jose Maria Mora Gutierrez, Paloma Leititia Martin Moreno, Nuria Garcia Fernandez, Errasti Goenaga Pedro, Clinica Univ Navarra, Nephrology, Pamplona, SPAIN.

MP232
NTPRONP - NEW PROGNOSTIC MARKER IN PATIENTS WITH AKI AND Rhabdomyolysis
Andrei Niculae1,2, Ileana Peride3,2, Ileana Vacaruoiu3,2, Cristina David3,2, Razvan Dragomirescu3,2, Daniela Radulescu3,2, Ionel Alexandre Checherita3,2, 1Carol Davila Univ Medicine and Pharamcy

MP233
URINARY NETRIN-1 PREDICTS ISCHEMIC ACUTE KIDNEY INJURY AFTER CARDIOPULMONARY BYPASS
Alsayed A. Alnahal1, Mohamed H. A. Ali1, Gorge Emadi1, Abdulazem Mansoor2, Mamedou Sharawy3, 1Zagazig Univ Hosp, Internal Medicine, Zagazig, EGYPT, 2Zagazig Univ Hosp, Medical Biochemistry, EGYPT, 3Zagazig Univ Hosp, Cardiothoracic Surgery, Zagazig, EGYPT.
MP234
PREDICTIVE VALUE OF CHRONIC KIDNEY DISEASE (CKD) IN ACUTE KIDNEY INJURY (AKI) PRESENTATION IN AN INTENSIVE CARE UNIT (ICU) OF A LOCAL HOSPITAL
José María Peña Porta1, María Esther Esteban Ciriano2, Carmen Vicente de Vera Floristán3, José Manuel Vicente de Vera Floristán2, John Ros Atón4, Silvia Olagorta García4, Mercedes Bueno Lozano5, Amalia Perona Caro1, Rafael Alvarez Lipe1, 1Hosp Clínico Univ Lozano Blesa, Nephrology Service, Zaragoza, SPAIN, 2Hosp Reina Sofía, Anesthesiology Service, Tudela, Navarra, SPAIN, 3Hosp Clínico Univ Lozano Blesa, Internal Medicine Service, Zaragoza, SPAIN, 4Hosp Clínico Univ Lozano Blesa, Anesthesiology Service, Zaragoza, SPAIN, 5Centro Salud Tudela Este, Atenció Primaria Salud, Tudela, Navarra, SPAIN.

MP235
RECURRENT ACUTE KIDNEY INJURY IN TROPICS
Anupma Kaul, Dharmendra Bhadhuaria, Narayan Prasad, Amit Gupta, Raj Sharma, Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA.

MP236
THE USE OF KIDNEY INJURY MOLECULE - 1 (KIM1) AS A PREDICTOR OF ACUTE KIDNEY INJURY IN PATIENTS UNDERGOING CARDIAC SURGERY
Magdy M. S. ElSharkawy, Walaa E. M. Abdelmohsen, Heba W. M. Elsaed, Mohamed Saeed, Ain-Shams Univ, Nephrology, Cairo, EGYPT.

MP237
INCIDENCE AND RISK FACTORS OF ACUTE KIDNEY INJURY ASSOCIATED WITH ACUTE PYELONEPHRITIS ACCORDING TO RIFLE CLASSIFICATION
Dong Jun Park1,2, Dae-Hong Jeon3, Hyun Seop Cho3, Se-Ho Chang1,3, 1Gyeongsang National Univ School Medicine, Internal Medicine, Jinju, KOREA, 2Changwon Gyeongsang National Univ Hosp, Internal Medicine, Changwon, KOREA, 3Gyeongsang National Univ Hosp, Internal Medicine, Jinju, KOREA.

MP238
THE MORE DIC GETS WORSE, THE LESS DIALYZER CLOTTING IS FREQUENT IN CRRT
Byoung Geun Han, Jae Seok Kim, Min Keun Kim, Seung Ok Choi, Jae Won Yang, Yonsei Univ Wonju College Medicine, Dept Internal Medicine, Wonju, KOREA.

MP239
INCREASING KNOWLEDGE OF ACUTE KIDNEY INJURY (AKI)
Nicole Blakemore1, Sunil Bhandari2,3, 1Hull York Medical School, Fourth Year, Kingston-Upon-Hull, UK, 2Hull and East Yorkshire Hosp NHS Trust, Nephrology, Kingston-Upon-Hull, UK, 3Hull York Medical School, Senior Director Clinical Studies, Kingston-Upon-Hull, UK.

MP240
KIDNEY INJURY TUBULAR BIOMARKERS FOLLOWING HEMATOPOIETIC STEM CELL TRANSPLANTATION (PILOT STUDY)
Kirill A. Smirnov1, Vladimir A. Dobronravov1, Boris V. Afanasiev2, Olga V. Galkina1, Irina M. Zubina1, Evdokia O. Bogdanova1, Alexei V. Smirnov1, 1Pavlov First Saint Petersburg State Medical Univ, Nephrology Research Inst, St. Petersburg, RUSSIAN FEDERATION, 2Pavlov First Saint Petersburg State Medical Univ, Raisa Gorbacheva Memorial Research Inst Pediatric Oncology, Hematology and Transplantation, St. Petersburg, RUSSIAN FEDERATION.

MP241
RISK FACTORS FOR RENAL REPLACEMENT THERAPY AND MORTALITY IN ACUTE KIDNEY INJURY INPATIENTS AT HOSP CIVIL DE GUADALAJARA, MEXICO: 2 YEARS FOLLOW UP
Daniel Murillo, Monica Jimenez, Jonathan Iniguez, Guillermo Garcia, Karina Renorte, Hosp Civil Guadalajara, Nephrology, Guadalajara, MEXICO.

MP242
CAUSES AND OUTCOME OF DIALYSIS-REQUIRING ACUTE KIDNEY INJURY OUTSIDE THE INTENSIVE CARE UNIT
Hannalore Sprenger-Maehr, Emanuel Zitt, Karl Lhotta, Teaching Hosp Feldkirch, Dept Nephrology and Dialysis, Feldkirch, AUSTRIA.

MP243
ADVANTAGES OF INTEGRAL MANAGEMENT OF RENAL REPLACEMENT THERAPY IN ACUTE KIDNEY INJURY IN THE INTENSIVE CARE UNITS
Fernando Liaño1, Antonio Gomis-Couto1, Angel Candelas-Toha2, Aurora Lietor3, Ana B. Serrano2, Teresa Tenorio1, 1Hosp Univ Ramón y Cajal, Nephrology, Madrid, SPAIN, 2Hosp Univ Ramón y Cajal, Anesthesiology, Madrid, SPAIN, 3Hosp Univ Ramón y Cajal, Intensive Care Medicine, Madrid, SPAIN.
Posters

MP244
RISK FACTORS FOR AKI IN HSCT RECIPIENTS A SIGLE-CENTER EXPERIENCE
Vittoria Esposito1, Maria Adelaide Garlando1, Davide Catucci1, Marco Colucci1, Massimo Torreggiani1, Anna Amelia Colombo2, Emilio Paolo Alessandrino2, Ciro Esposito1, 1Fondazione IRCCS Salvatore Maugeri Pavia, Unit Nephrology and Dialysis, Pavia, ITALY, 2IRCCS Policlinico San Matteo, Unit Hematology, Pavia, ITALY.
CHRONIC KIDNEY DISEASE.
PATHOPHYSIOLOGY, PROGRESSION & RISK FACTORS - 2

MP245
MICRORNA NETWORKS IN THE PROGRESSION OF TGF-BETA INDUCED RENAL FIBROSIS
Gabor Kokeny, Agnes Nemeth, Krisztina Fazekas, Gabor Szenasi, Laszlo Rosivall, Miklos M. Mozes, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

MP246
KLOTHO DEFICIENCY IS RESULTS AND CAUSES OF SUSCEPTIBILITY TO MILD AKI IN CKD
Ken Tsuchiya1, Hidekazu Sugita1, Miki Nishida1, Kenichi Akiyama1, Kazuhiro Okano2, Kosaku Nitta1, 1Tokyo Women’s Medical Univ, Dept Medicine IV, Tokyo, JAPAN, 2Tokyo Women’s Medical Univ, Dept Blood Purification, Tokyo, JAPAN.

MP247
THE IMPACT OF CLINICAL AND MORPHOLOGICAL PROGNOSTIC RISK FACTORS THE PREDICTION OF RENAL OUTCOME IN PATIENTS WITH IMMUNOGLOBULIN A NEPHROPATHY
Zivile Riispere1, Anne Kuudeberg2, Elviira Seppet3, Kristin Sepp4, Madis Ilmoja4, Merike Luman5, Külli Kõlvald3, Asta Auerbach5, Mai Ots-Rosenberg6, 1Tartu Univ Hosp, Pathology, Tartu, ESTONIA, 2Tartu Univ, Patophysiology, Tartu, ESTONIA, 3Tartu Univ Hosp, Internal, Tartu, ESTONIA, 4West-Tallinn Central Hosp, Nephrology, Tallinn, ESTONIA, 5North-Estonia Regional Hosp, Internal, Tallinn, ESTONIA, 6Tartu Univ, Internal, Tartu, ESTONIA.

MP248
RENAL FIBROSIS PROGRESSION IS HALTED BY DELAYED REMOVAL OF THE INTACT KIDNEY AFTER UNILATERAL RENAL ISCHEMIA IN MICE
Nóra É. Bukosza, Tamás Kaucsár, Mária Godó, Pál Tod, Gábor Szénási, Péter Hamar, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

MP249
COPD ACCELERATES THE EGFR DECREASING RATE IN THE CHINESE MALE OLD PATIENTS: A RETROSPECTIVE COHORT STUDY
Yong Yang, Qingli Cheng, Qiangguo Ao, Qiang Ma, Chinese PLA General Hosp, Geriatric Nephrology, Beijing, CHINA.

MP250
RENAL INVOLVEMENT AND PROGNOSTIC CRITERIA IN AMYLOIDOSIS
Maria Grazia Chiappini1, Marco Di Girolamo1, Lina Muzi1, Emanuela Proietti1, Patrizio Pasqualetti2, Ilaria Simonelli2, Alessandra Grossi2, 1FBF Hosp, Nephrology and Dialysis Unit, Rome, ITALY, 2Fatebenefratelli Association for Research, Medical Statistics e Information Technology, Rome, ITALY.

MP251
S-ADENOSYLHOMOCYSTEINE: A NOVEL NON-TRADITIONAL CARDIOVASCULAR RISK FACTOR IN CKD
Insa E. Emrich1, Adam M. Zawada2, Sarah Seiler-Mueller2, Rima Obeid3, Jürgen Geisel3, Danilo Fliser2, Gunnar H. Heine2, 1Saarland Univ Medical Center, Innere Medizin IV, Homburg, GERMANY, 2Saarland Univ Medical Center, Nephrology, Homburg, GERMANY, 3Saarland Univ Medical Center, Clinical Chemistry and Lab Medicine/Central Lab, Homburg, GERMANY.

MP252
DECLINE OF RENAL FUNCTION AT LATER STAGES OF CHRONIC KIDNEY DISEASE: THE RELATIVE IMPORTANCE OF PRESCRIPTION MEDICATION
Fernando Caravaca-Fontán1, Lilia Azevedo2, Miguel A. Bayo2, Boris Gonzales-Candia2, Enrique Luna2, Francisco Caravaca2, 1Hosp Ramón y Cajal, Nephrology, Madrid, SPAIN, 2Hosp Infanta Cristina, Nephrology, Badajoz, SPAIN.

MP253
LOSARTAN REDUCES ENSUING CKD AND MORTALITY AFTER AKI
Shun-Yang Cheng1, Yu-Hsiang Chou1,2, Ching-Chin Yang1, Shuei-Liong Lin1,2, 1National Taiwan Univ, Graduate Inst Physiology, Taipei, TAIWAN, 2National Taiwan Univ Hosp, Renal Div, Dept Internal Medicine, Taipei, TAIWAN.

MP254
VDR GENE EXPRESSION AND GLOBAL DNA METHYLATION ARE ASSOCIATED WITH INSULIN RESISTANCE IN ESRD PATIENTS ON CHRONIC HAEMODIALYSIS.
Dimitrios Kirmizis1, Fani Chatzopoulou2, Dimitrios Chatzidimitriou2, Georgios Tzimagiorgis3, Aikaterini Papagiann1, Georgios Efstratiadis1, 1Aristotle Univ, Nephrology, Thessaloniki, GREECE, 2Aristotle Univ, Lab Microbiology, Thessaloniki, GREECE, 3Aristotle Univ, Lab Biochemistry, Thessaloniki, GREECE.
Posters

MP255
RESISTIVE INDEX AS A PREDICTOR OF RENAL PROGRESSION IN PATIENTS WITH MODERATE RENAL DYSFUNCTION REGARDLESS OF ACEI OR ARB MEDICATION
Won Suk An1, So Yeon Kim1, Hyo Jin Jeong1, Ji Young Lee1, You Jeong Oh2, Hyun Kyung Nam3, Su Mi Lee1, 1Dong-A Univ, Dept Internal Medicine, Busan, KOREA, 2Dong-Eui Medical Center, Dept Internal Medicine, Busan, KOREA, 3Busan Medical Center, Dept Internal Medicine, Busan, KOREA.

MP256
EXTREMES OF SERUM MAGNESIUM ARE ASSOCIATED WITH AN INDEPENDENT INCREASE IN ALL-CAUSE MORTALITY IN A CHRONIC KIDNEY DISEASE POPULATION
John Hughes, Diana Chiu, Phillip Kalra, Darren Green, Salford Royal NHS Foundation Trust, Renal Vascular Research Group, Salford, UK.

MP257
RISK FACTORS ASSOCIATED WITH BLEEDING COMPLICATIONS AFTER NATIVE RENAL BIOPSY
Jennifer S. Lees, Emily McQuarrie, Natalie Mordi, Jonathan Fox, Colin Geddes, Bruce MacKinnon, NHS Greater Glasgow and Clyde, Renal Medicine, Glasgow, UK.

MP258
EPIEDEMILOGICAL OF IGA NEPHROPATHY IN A SINGLE CENTRE OF HUNGARY OVER 40 YEARS
Tibor Kovacs, Judit Maté, Tibor Vas, István Wittmann, Judit Nagy, Univ Pécs, Second Dept Internal Medicine and Nephrological Centre, Pécs, HUNGARY.

MP259
GLYCOPROTEIN SCLEROSTIN AND VASCULAR CALCIFICATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE.
Anton Borisov1, Ludmila Milovanova2, Irina Ermolaeva3, Lidia Kozlovskaya2, Nikolay Mukhin2, Anna Dudareva2, 1I.M.Sechenov First Moscow State Medical Univ, Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 2Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 3Research Nephrology Center, Moscow, RUSSIAN FEDERATION.

MP260
KIDNEY FUNCTION DECLINE IN OUTPATIENT DIABETES MELLITUS TYPE 2 (DM2): THE DIABETES COHORTE (DIACORE)
Carsten A. Böger, for the DIACORE Study Group, Univ Hosp Regensburg, Nephrology, Regensburg, GERMANY.

MP261
THE FEATURES OF KIDNEY IMPAIRMENT IN EARLY AND LATE PREECLAMPSIA (PE)
Liudmila Merkusheva1,2, Natalia Kozlovskaya2, 1National Inst Obstetrics, Gynecology and Perinatology Russia, Therapeutic Dept, Moscow, RUSSIAN FEDERATION, 2I.M.Sechenov First Moscow State Medical Univ, Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION.

MP262
MOLECULAR HYDROGEN DISSOLVED NOVEL BIO-COMPATIBLE PERITONEAL DIALYSIS (PD) SOLUTION FOR PROTECTING PERITONEAL INJURY IN PD THERAPY
Wan-jun Zhu, Kimio Watanabe, Yoshimitsu Hayashi, Hiroyuki Terawaki, Masaaki Nakayama, Fukushima Medical Univ, Hypertension and Kidney, Fukushima, JAPAN.

MP263
IMPACT OF TRADITIONAL ANTIHYPERTENSIVE THERAPY ON CARDIOVASCULAR RISK MARKER - KLOTHO IN CHRONIC KIDNEY DISEASE PATIENTS
Svetlana Milovanova1, Nikolay Mukhin2, Ludmila Milovanova2, Lidia Kozlovskaya2, Victor Fomin2, 1I.M.Sechenov First Moscow State Medical Univ, Dept Health-Technology, Moscow, RUSSIAN FEDERATION, 2Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION.

MP264
ASSOCIATION OF RED BLOOD DISTRIBUTION WIDTH (RDW) WITH CAROTID ATHEROSCLEROSIS & DETERIORATION OF CHRONIC KIDNEY DISEASE IN PATIENTS WITH TYPE 2 DIABETES MELLITUS
Stefanos K. Roumeliotis1, Aikaterini Stamou2, Stylianos Panagoutsos1, Athanasios K. Roumeliotis1, Elias Thodis1, Poulmis Pasadakis1, 1Medical School, Democritus Univ Thrace, Dept Nephrology, Alexandroupoli, GREECE, 2Medical School, Democritus Univ Thrace, Lab Hematology, Alexandroupoli, GREECE.

MP265
PROXIMAL TUBULAR GLP-1 RECEPTOR ACTIVITY IS INCREASED IN CKD RAT WITH MYOCARDIAL INFARCTION
Soon Kil Kwon, Seung Jung Kim, Kyung Min Kim, Hye-Young Kim, Chungbuk Medical School, Renal Div, Cheongju, KOREA.
MP266 DEVELOPMENT OF IGA NEPHROPATHY MOLECULAR MODEL BASED ON AN INTEGRATIVE ANALYSIS OF −OMICS DATA
Magdalena Krochmal1,2, Katryna Cisek3, Marco Fernandes4, Holger Hsu4, Joachim Jankowski2,5, Jerome Zoidakis1, Antonia Vlahou1, Harald Mischak3,6, TIBiomedical Research Foundation Academy Athens, Center Basic Research, Athens, GREECE, 2RWTH Aachen Univ, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 3Mosaïques Diagnostics GmbH, Hannover, GERMANY, 4Univ Glasgow, BHF Glasgow Cardiovascular Research Centre, Glasgow, UK, 5Univ Maastricht, CARIM School Cardiovascular Diseases, Maastricht, NETHERLANDS, 6Univ Glasgow, Inst Cardiovascular and Medical Sciences, Glasgow, UK.

MP267 THE NUMBER OF ARTERIAL TERRITORIES WITH ATHEROMA PLAQUE PREDICTS THE TIME FREE FROM CARDIOVASCULAR EVENTS IN CHRONIC KIDNEY DISEASE. ANALYSIS OF THE NEFRONA STUDY AFTER 36 MONTHS OF FOLLOW-UP
Jose Valdivielso1, Montserrat Martinez-Alonso2, Angels Betriu1, Marta Gracia1, David Arroyo3, Maria Abajo1, Mercedes Salgueira4, Jose L. Gorritz5, Elvira Fernandez3, 1IRBLleida, Experimental Medicine, Lleida, SPAIN, 2IRBLleida, Statistics, Lleida, SPAIN, 3Hop Univ Arnaud de Vilanova, Nephrology, Lleida, SPAIN, 4Hop Virgen Macarena, Nephrology, Seville, SPAIN, 5Hop Dr Peset, Nephrology, Valencia, SPAIN.

MP268 LEAN TISSUE IS AN INDEPENDENT FACTOR OF MORTALITY IN PATIENTS WITH STAGE 4 CHRONIC KIDNEY DISEASE
Almudena Vega, Soraya Abad, Inés Aragoncillo, Nicolás Macías, Isabel Galan, Santiago Cedeño, Alba Santos, Juan Manuel López-Gómez, Hosp General Univ Gregorio Marañón, Nephrology, Madrid, SPAIN.

MP269 URINARY EXCRETION OF ANGIOGENESIS FACTORS IN CHRONIC GLOMERULONEPHRITIS PATIENTS: ASSOCIATION WITH CLINICAL ACTIVITY AND URINARY BIOMARKERS OF KIDNEY INJURY
Zheng Antai1, Mikhail Shvetsov2,1, Lidia Kozlovskaya3,1, Anna Serova4, Nikolay Mukhin3,1, 1M.V. Lomonosov Moscow State Univ, Fac Fundamental Medicine, Moscow, RUSSIAN FEDERATION, 2M. Sechenov First Moscow State Medical Univ, Dept and Chair Nephrology, Moscow, RUSSIAN FEDERATION, 3M. Sechenov First Moscow State Medical Univ, Dept Internal Medicine and Occupational Diseases, Moscow, RUSSIAN FEDERATION, 4M. Sechenov First Moscow State Medical Univ, Dept Immunology, Moscow, RUSSIAN FEDERATION.

MP270 ROLES OF HIGH AFFINITY LEUKOTRIENE B4 RECEPTOR SIGNALING IN ENHANCEMENT OF FIBROSIS DURING UNILATERAL URETERAL OBSTRUCTION IN MICE
Mariko Kamata, Tomoe Fujita, Kanako Hosono, Tetsuya Abe, Keiko Hashimoto, Haruka Takahashi, Takanori Masaki, Kazuhiro Takeuchi, Miyuki Ogawa, Jyunya Murano, Shokichi Naito, Togo Aoyama, Takashi Sano, Masataka Majima, Yasuo Takeuchi, Kitasato Univ School Medicine, Dept Nephrology, Sagamihara, JAPAN.

MP271 HISTAMINE IS INVOLVED IN THE PATHOPHYSIOLOGY OF HEART AND KIDNEY DYSFUNCTIONS IN MICE.
Kazuyuki Noguchi1, Junji Ishida2, Tomohiro Ishimaru2, Shohei Kawasaki2, Chulwon Kwon2, Jun-Dal Kim2, Koichiro Kakao2, Hiroshi Ohtsu3, Kunihiro Yamagata1, Akiyoshi Fukamizu2, 1Univ Tsukuba, Fac Medicine, Dept Nephrology, Tsukuba, Ibaraki, JAPAN, 2Univ Tsukuba, Life Science Center, Tsukuba Advanced Research Alliance (TARA), Japna, Tsukuba, Ibaraki, JAPAN, 3Tokohu Univ, School Engineering, Sendai, Miyagi, JAPAN.

MP272 PLA2R ANTIBODIES AND PLA2R AND THSD7A GLOMERULAR DEPOSITS IN PSORIASIS PATIENTS WITH MEMBRANOUS NEPHROPATHY
Yongchun Ge, Bo Jin, Caihong Zeng, Hao Chen, Dacheng Chen, Ru Yin, Xiaodong Zhu, WeiBo Le, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.

MP273 PULMONARY HYPERTENSION IN CHRONIC KIDNEY DISEASE. PREVALENCE, DETERMINANTS AND PROGNOSTIC VALUE
Javier Reque Santívañez1, Ana García2, Tania Linares2, Almudena Vega2, Soraya Abad2, Nayara Panizo2, Borja Quiroga2, Juan Manuel López-Gómez2, 1Diaverum Renal Care, Hemodialysis, Castellon, SPAIN, 2Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

MP274 ACTIVATION OF CXCL16/CXCR6 PATHWAY BY INFLAMMATION ACCELERATES THE PROGRESSION OF ATHEROSCLEROSIS IN ESRD PATIENTS
Ze Bo Hu, Yan Chen, Kun Ling Ma, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Nanjing City, CHINA.
MP275
CARDIOVASCULAR SYSTEM IN WISTAR RATS RECEIVING RATION WITH HIGH SODIUM CHLORIDE CONTENT ASSOCIATED SIGNALING PATHWAYS ACTIVATION. HOWEVER, THEIR ROLE IN THIS TYPE OF MYOCARDIAL REMODELING REQUIRES FURTHER INVESTIGATION
Olga Beresneva1, Marina Parasetaev1, Anatoly Kucher1, Galina Ivanova2, Nina Shved1, Mihail Zaraysky1, Ivan Kayukov1, 1First Saint-Petersburg State Medical Univ named after I.P. Pavlov, Inst Nephrology, Saint-Petersburg, RUSSIAN FEDERATION, 21st Physiol named after I.P.Pavlov, Lab Clinical and Experimental Cardiology, Saint-Petersburg, RUSSIAN FEDERATION.

MP276
THE ASSOCIATION BETWEEN ENDOTHELIAL NITRIC OXIDE SYNTHASES (ENOS) GENE POLYMORPHISMS AND THE RISK OF DIABETIC NEPHROPATHY
Hu Ling1, Zhao Minwen1, Dong Hongjing1, Zhang Xiaoliang2, 1Southeast Univ, Medical School, Nanjing, China, 2Zhejiang Da Hosp, Inst Nephrology, Nanjing, CHINA.

MP277
SLEEP APNEA IN CHRONIC KIDNEY DISEASE PATIENTS
Daniela Monova1, Simeon Monov2, Evgeniya Peneva1, Ljuboslava Sichanova1, 1Medical Inst, Dept Internal Diseases, Sofia, BULGARIA, 2Medical Univ, Dept Rheumatology, Sofia, BULGARIA.

MP278
ASSOCIATIONS OF FGF-23 AND KLOTHO SERUM LEVELS WITH CARDIOVASCULAR RISK IN CHRONIC KIDNEY DISEASE PATIENTS.
Anna Dudareva1, Ludmila Milovanova2, Mihail Broyko3, 1First Moscow State Medical Univ, Dept Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 2Dept Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 3Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION.

MP279
IMPACT OF VITAMIN D RECEPTOR ACTIVATORS ON CARDIOVASCULAR RISK MARKER - KLOTHO IN CHRONIC KIDNEY DISEASE PATIENTS.
Lidia Kozlovskaya1, Igor Dobrosmslov2, Ludmila Milovanova3, I.I.M.Sechenov First Moscow State Medical Univ, Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION, 2Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION, 3Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION.

MP280
A NEW ORAL ANTICOAGULANT THERAPY IN PATIENTS WITH NONDIALYSIS CHRONIC KIDNEY DISEASE AND ATRIAL FIBRILLATION
Ingrid PrkaCin1, Tomislav Bulum2, Born Vrhovec1, Lana Šambula1, Ana Legović1, Tomislav RadoCaj1, 1Univ Hosp Merkur, Dept Internal Medicine, Zagreb, CROATIA, 2Univ Hosp Merkur, Vuk Vrhovac Clinic Diabetes, Endocrinology and Metabolic Diseases, Zagreb, CROATIA.

MP281
CONTRAST-ENHANCED CT IMAGING IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Saskia von Stillfried1, Jonas C. Apitsch2, Josef Ehlis3, Tobias Penzkofer4, Christiane K. Kuhl5, Andreas H. Mahnkern2, Ruth Knüchel-Clarke1, Jürgen Floeg6, Peter Boor1, 1RWTH Aachen Univ, Inst Pathology, Aachen, GERMANY, 2Philips Univ Marburg Univ, Dept Diagnostic and Interventional Radiology, Marburg, GERMANY, 3RWTH Aachen Univ, Dept Experimental Molecular Imaging, Aachen, GERMANY, 4Charité Universitätsmedizin Berlin, Inst Radiology, Berlin, GERMANY, 5RWTH Aachen Univ, Dept Diagnostic and Interventional Radiology, Aachen, GERMANY, 6RWTH Aachen Univ, Dept Nephrology, Aachen, GERMANY.

MP282
AGE ASSOCIATED CHANGES IN THE VASCULAR RENIN ANGIOTENSIN SYSTEM IN MICE
Bum Soon Choi, Catholic Univ Korea, Nephrology, Intrenal Medicine, Seoul, KOREA.

MP283
ASSOCIATED FACTORS OF PHYSICAL FUNCTION IN LATE CHRONIC KIDNEY DISEASE
Shih-Ming Hsiao1, Yi-Chun Tsai2, Ming-Yen Lin2, Tzu-Hui Chen1, Shu-Li Wang1, Pei-Ni Hsiao1, Lan-Fang Kung1, Cheng-Sheng Chen3, Mei-Chuan Kuo2, 1Kaohsiung Medical Univ Hosp, Nursing, Kaohsiung, TAIWAN, 2Kaohsiung Medical Univ Hosp, Nephrology, Kaohsiung, TAIWAN, 3Kaohsiung Medical Univ Hosp, Psychiatry, Kaohsiung, TAIWAN.

MP284
CHRONIC RENAL FAILURE WORSENS ISCHEMIC STROKE SEVERITY AND NEUROLOGICAL CONSEQUENCES IN MICE
François Brazier1,2,3, Maryam Asses1,2,3, Lucie Hénault1, Said Kame1,2, Ziad A. Massy4,5, Jean-Marc Chillon1,2, 1Inserm U1088, CURS, Amiens, FRANCE, 2UPJV, Fac Medicine and Pharmacy, Amiens, FRANCE, 3Amiens Univ Hosp, Div Nephrology, Amiens, FRANCE, 4Amboise Paré Univ Hosp, Nephrology, Boulogne-Billancourt, FRANCE, 5Inserm U1018, Cep, Uvq, Villejuif, FRANCE.
MP285
GROWTH DIFFERENTIATION FACTOR 15 ASSOCIATE WITH DISEASE ACTIVITY AND PROGRESSION IN PATIENTS WITH IGA NEPHROPATHY.
Dae Eun Choi1, Jin Young Jeong1, Yoon-Kyung Chang2, Sarah Chung1, Ki-Ryang Na1, Kang Wook Lee1, Kang Wook Lee1, 1Chungnam National Univ Hosp, Nephrology, Daejeon, KOREA, 2Daejeon Saint Mary Hosp, Nephrology, daje-
jeon, KOREA.

MP286
NATURAL HISTORY FOR ADULT PATIENTS WITH SPORADIC ANGIOMYOLIPOMA IN THE NETHERLANDS
Francis Vekeman1, Matthew Magestro2, Paul Karner3, Jonathan Fortier1, Mei Sheng Duh3, Bernard A. Zonnenberg4, 1Groupe Analyse, Lëtë, HEOR, Montreal, QC, CANADA, 2Novartis Pharmaceuticals Corporation, Novartis Oncology, East Hanover, NJ, 3Analysis Group, Inc., HEOR, Boston, MA, 4Univ Medical Center Utrecht, Internal Medicine, Utrecht, NETHERLANDS.

MP287
ASSOCIATION OF SERUM ADIPONECTIN CONCENTRATION WITH AORTIC ARTERIAL STIFFNESS IN CHRONIC KIDNEY DISEASE: FROM THE KNOW-CKD STUDY
Chang Seong Kim1, Eun Hui Bae1, Seong Kwon Ma1, Sue K. Park2, Jeon Lee2, Wookkyung Chung3, Kyubeck Lee4, Yeong Hoon Kim5, Kook-Hwan Oh6, Curie Ahn6, Soo Wan Kim1, 1Chonnam National Univ Hosp, Dept Internal Medicine, Gwangju, KOREA, 2Seoul National Univ College Medicine, Dept Preventive Medicine, Seoul, KOREA, 3Gachon Univ, Gil Hosp, Dept Internal Medicine, Incheon, KOREA, 4Kangbuk Samsung Hosp, Sungkyunkwan Univ, Dept Internal Medicine, Seoul, KOREA, 5Inje Univ, Pusan Paik Hospita, Dept Internal Medicine, Busan, KOREA, 6Seoul National Univ, Dept Internal Medicine, Seoul, KOREA.

MP288
ASSOCIATION OF CENTRAL BLOOD PRESSURE WITH MARKERS FOR TARGET ORGAN DAMAGE IN CHRONIC KIDNEY DISEASE PATIENTS: COMPARISON BETWEEN CENTRAL AND PERIPHERAL BLOOD PRESSURE
Misol Lee, Changhwan Seo, Min-uk Cha, Hyoung Rae Kim, Hae-Ryong Yun, Su-Young Jung, Seohyun Park, Jong Hyun Jhee, Youn Kyung Kee, Chang-Yun Yoon, Young Eun Kwon, Seung Hyeok Han, Tae-Hyun Yoo, Shin-Wook Kang, Jung Tak Park, Yongseul Univ College Medicine, Dept Internal Medicine, Seoul, KOREA.

MP289
LOW-DENSITY LIPOPROTEIN APERESIS AMELIORATES THE VASCULAR QUALITY OF LIFE QUESTIONNAIRE IN DIALYSIS PATIENTS WITH PERIPHERAL ARTERIAL DISEASE

MP290
THE WEIGHT OF OBESITY AND METABOLIC SYNDROME ON RENAL FUNCTION
Emanuela Antonella Mangione, Valentina Vigo, Guido Salvetti, Ferruccio Santini, Carlo Donadio, Univ Pisa, Dept Clinical and Experimental Medicine, Pisa, ITALY.

MP291
DIFFERENT KIDNEY AGEING, SCINTIGRAPHIC COMPARISON OF LEFT AND RIGHT RENAL FUNCTION ALONG TIME.
Claudio Orsi1, Brunilda Sejdiu1, Valentina Demelas1, Lucia Stalteri1, Vittorio Dalmastri1, Maurizio Leverato2, Vania Cuna1, Olga Baraldi1, Gaetano La Manna1, 1S. Orsola-Malpighi Univ Hosp, Nephrology, Dialysis and Transplantation Unit, Dept Organ Failure And Transplantation, Bologna, ITALY, 2S. Orsola-Malpighi Univ Hosp, Dept Nuclear Medicine, Bologna, ITALY.

MP292
PREVALENCE AND PREDICTORS OF FRAILTY IN AN ELDERLY PRE-DIALYSIS COHORT

MP293
SERUM FETUIN-A AND OSTEOPROTEGERIN ARE CORRELATED WITH LEFT ATRIAL SIZE AND FUNCTION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Elena-Emanuela Rusu1, Monica Rosca2, Andreia Calin2, Simona Mihai3, Teodora Atasie1, Sonia Balanica4, Adriana Neatu4, Diana Zilisteanau1, 1Carol Davila Univ Medicine and Pharmacy, Fundeni Clinic Nephrology, Bucharest, ROMA-
NIA, 2Prof Dr CC. Iliescu Emergency Cardiovascular Diseases Inst, Cardiology, Bucharest, ROMANIA, 3Victor Babes National Inst Research and Development in Pathology and Biomedical Sciences, Pathology, Bucharest, ROMANIA, 4Funderi Clinical Inst, Nephrology, Bucharest, ROMANIA.
MP294
PREVALENCE AND OUTCOMES OF PROTON PUMP INHIBITOR ASSOCIATED HYPOMAGNESMIA IN CHRONIC KIDNEY DISEASE
John Hughes, Diana Chiu, Phillip Kalra, Darren Green, Salford Royal NHS foundation Trust, Renal Vascular Research Group, Salford, UK.

MP295
IS THERE A ROLE FOR SOLUBLE α-KLOTHO IN KIDNEY AND IMMUNE DYSFUNCTION OF HIV-INFECTED PATIENTS?
Pedro Campos1, Clara G. Dias2, Sara Maia2, Sofia A. Pereira2, Ana Pires1, Karina Soto1,2, 1Hosp Prof. Doutor Fernando Fonseca, Nephrology, Amadora, PORTUGAL, 2Centro Estudos Doenças Crónicas (CEDOC), NOVA Medical School/Fac Ciências Médicas (NMS/FCM), Lisboa, PORTUGAL.

MP296
PROBIOTICS INCREASE SYSTEMIC REGULATORY T CELL IN CHRONIC KIDNEY DISEASE MICE
Jihyun Yang, Young Ju Na, Sung Yoon Lim, Myung-gyu Kim, Sang-Kyung Jo, Won-Yong Cho, Korea Univ Anam Hosp, Internal Medicine, Seoul, KOREA.

MP297
CHRONIC KIDNEY DISEASE PATIENTS WHOSE RENAL FUNCTION TRANSIENTLY DECREASES IN SUMMER HAVE POOR RENAL PROGNOSIS.
Yoshitaka Naito, Takamasa Iwakura, Masafumi Ono, Takayuki Tsuji, Naro Ohashi, Akihiko Kato, Hideo Yasuda, Hamamatsu Univ School Medicine, Frist Dept Medicine, Higashi-ku, Hamamatsu-shi, JAPAN.

MP298
DOES FASTING DURING RAMADAN AFFECT RENAL FUNCTIONS OF PATIENTS WITH CHRONIC KIDNEY DISEASE?
Ekrem Kara1, Osman Z. Sahin1, Bayram Kizilkaya2, Burcu Ozturk2, Gokhan Pusuroglu2, Safak Yildirim2, Tuncay Sahutoglu3, Mustafa Sevinc1, 1Recep Tayyip Erdogan Univ, Fac Medicine, Internal Medicine, Nephrology, Rize, TURKEY, 2Recep Tayyip Erdogan Univ, Fac Medicine, Internal Medicine, Rize, TURKEY, 3Sisli Etfal Educational and Research Hosp, Nephrology, Istanbul, TURKEY.

MP299
EARLY AND SUSTAINED RUNX1 ACTIVATION AFTER UNILATERAL URETER OBSTRUCTION IN MICE: A POSSIBLE NEW PLAYER IN RENAL FIBROSIS
Miklos M. Mozes, Agnes Nemeth, Lilla Szabo, Krisztina Fazekas, Gabor Kokeny, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

MP300
EFFECT OF FEBUXOSTAT ON RENAL FUNCTION IN CHRONIC KIDNEY DISEASE
Beom Kim, Sang Hee Lee, Seung Moon Han, Hwe Won Kim, Dong-Young Lee, Veterans Health Service Medical Center, Dept Internal Medicine, Seoul, KOREA.
MP301 WHAT IS THE MOST RELIABLE RISK MODEL SCORE TO PREDICT PROGRESSION OF CHRONIC KIDNEY DISEASE IN ELDERLY AND/OR FRAIL PATIENTS WITH ADVANCED CKD?
Maarten W. Taal1, Ionut Nistor2, Adrian Covic3, Wim Van Biesen2, Ken Farrington4, European Renal Best Practice Guidelines, 1Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK, 2Ghent Univ Hosp, Renal Div, Ghent, BELGIUM, 3Grigore T. Popa, Univ Medicine and Pharmacy, Dept Nephrology, Iasi, ROMANIA, 4Lister Hosp, Renal Unit, Stevenage, UK.

MP302 CLINICAL PREDICTION MODELS FOR PROGRESSION OF CHRONIC KIDNEY DISEASE TO END STAGE KIDNEY FAILURE UNDER PREDIALYSIS NEPHROLOGY CARE: RESULTS FROM THE CHRONIC KIDNEY DISEASE JAPAN COHORT STUDY
Takeshi Hasegawa1,2,3, Kentaro Sakamaki4, Fumihiko Koishiwa5, Tadao Akizawa5, 1Fukushima Medical Univ, Center Innovative Research for Communities and Clinical Excellence, Fukushima, JAPAN, 2Showa Univ Fujigaoka Hosp, Div Nephrology, Dept Internal Medicine, Yokohama, JAPAN, 3Kyoto Univ Graduate School Public Health, Dept Healthcare Epidemiology, Kyoto, JAPAN, 4Yokohama City Univ, Dept Biostatistics, Yokohama, JAPAN, 5Showa Univ School Medicine, Div Nephrology, Dept Medicine, Tokyo, JAPAN.

MP303 REGIONAL DIFFERENCES IN CHRONIC KIDNEY DISEASE PREVALENCE AND INCIDENT DIALYSIS IN JAPAN: A JAPANESE NATIONWIDE HEALTH-CHECK STUDY
Yoshinari Yasuda1, Mayumi Kameya1, Masahiro Nakatochi2, Shigeru Nakai3, Kiyoshi Shibata1, Kunitoshi Ised, Toshi-ki Moriyama4, Kunihiro Yamagata4, Kazuhiro Tsuruy4, Hideaki Yoshida4, Shouichi Fujimoto4, Koichi Asahi4, Tsuyoshi Watanabe4, Shoichi Maruyama4, Research on Positioning of Chronic Kidney Disease in Specific Health Check and Guidance in Japan, 1Nagoya Univ Graduate School Medicine, CKD Initiatives/Nephrology, Nagoya, JAPAN, 2Nagoya Univ Graduate School Medicine, Center Advanced Medicine and Clinical Research, Nagoya, JAPAN, 3Ibaraki Health Univ, Fac Clinical Engineering, Toyoake, JAPAN, 4Ibaraki Health Service Association, Ibaraki Health Plaza, Mito, JAPAN.

MP304 THE RELATIONSHIP BETWEEN CARDIOVASCULAR MORTALITY AND GLOMERULAR FILTRATION RATE IN A JAPANESE COHORT WITH LONG TERM FOLLOWUP
Kei Nagai1, Toshimi Sairenichi2, Fujiko Irie3, Hiroshi Watanabe4, Hitoshi Ota5, Kunihiro Yamagata1, 1Univ Tsukuba, Dept Nephrology, Tsukuba, JAPAN, 2Dokkyo Medical Univ School Medicine, Dept Public Health, Mibu, JAPAN, 3Ibaraki Prefectural Office, Dept Health and Welfare, Mito, JAPAN, 4Ibaraki Health Service Association, Ibaraki Health Service Association, Mito, JAPAN, 5Ibaraki Health Service Association, Ibaraki Health Plaza, Mito, JAPAN.

MP305 THE EVOLUTION OF QUALITY OF LIFE (QoL) OVER TIME IN CHRONIC KIDNEY DISEASE PATIENTS (CKD): PERCEPTION OF GENERAL HEALTH BUT NO OTHER QoL DIMENSION DECLINES OVER THE COURSE OF CKD
Vincenzo Panuccio, Rocco Tripepi, Giovanna Parlongo, Daniela Leonardis, Graziella D’Arrigo, Maurizio Postorino, Giovanni Tripepi, Francesca Mallamaci, Carmine Zoccali, CNR-IFC, & Nephrology and Renal Transplantation Unit, Reggio Calabria, ITALY.

MP306 MICROALBUMINURIA AND CHRONIC KIDNEY DISEASE (CKD) IN PATIENTS WITH PSORIASIS
Lisa Giovannini1, Andrea Conti2, Gianni Cappelli1, 1Univ Modena Reggio Emilia, Nephrology, Dialysis and Transplantation, Modena, ITALY, 2Modena Hosp, Dept Dermatology, Modena, ITALY.

MP307 PREVALENCE AND CORRELATES OF INAPPROPRIATE PRESCRIBING PRACTICES (IPP) AMONG IRISH PATIENTS WITH CHRONIC KIDNEY DISEASE: A MULTI-CENTRE STUDY
Mohamed E. Elsayed1,2, Michael Kinsella1, John P. Ferguson3, Libby Sweeney2, Muhammad U. Sharif2,1, Austin G. Stack1,2,4, 1Univ Limerick, Graduate Entry Medical School, Limerick, IRELAND, 2Univ Hosp Limerick, Dept Nephrology, Limerick, IRELAND, 3HRB Clinical Research Facility, Biostatistics Unit, Galway, IRELAND, 4Univ Limerick, Health Research Inst, Limerick, IRELAND.

MP308 CLINICAL OUTCOMES ASSOCIATED WITH THE DURATION OF DUAL ANTIPLATELET THERAPY WITH CLOPIDOGREL AND ASA IN CHRONIC KIDNEY DISEASE PATIENTS WITH ACUTE CORONARY SYNDROME
Juan J. Carrero1, Christoph Varenhorst2, Karin Jensveik2, Karolina Szummer3, Bo Lagerqvist2, Marie Evans1, Jonas Spaak4, Claes Held2, Stefan James2, Tomas Jernberg3, 1Karolinska Inst, Renal Medicine, Stockholm, SWEDEN, 2Uppsala Univ, Uppsala Clinical Research Centre, Uppsala, SWEDEN, 3Karolinska Inst, Cardiology, Stockholm, SWEDEN, 4Karolinska Inst, Clinical Sciences, Stockholm, SWEDEN.
MP309  
**DRUG BURDEN AND EPIDEMIOLOGY OF NSAID PRESCRIPTION IN ADVANCED CKD PATIENTS USING EPO: A POPULATION-BASED STUDY IN A COUNTRY OF GLOBAL INSURANCE**  
Ya-Fei Yang1, Chiu-Ching Huang1, Likwang Chan2, 1China Medical Univ Hosp, Nephrology, Taichung, TAIWAN, 2National Health Research Inst, Inst Population Health Sciences, Zhunan, TAIWAN.

MP310  
**DETECTION OF PULMONARY CONGESTION BY CHEST ULTRASOUND IN NON-DIALYSIS CKD PATIENTS: OVERHYDRATION OR CARDIAC DYSFUNCTION?**  
Stancu Simona1,2, Adina Dumitrascu1, Ruxandra Busuioc1, Gabriel Stefan1,2, Alexa Damascan1, Gabriel Mirescu1,2, 1Dr Carol Davila Teaching Hosp Nephrology

MP311  
**INFLUENZA VACCINATION REDUCES DEMENTIA RISK IN CHRONIC KIDNEY DISEASE PATIENTS VACCINATION REDUCES DEMENTIA RISK IN CHRONIC KIDNEY DISEASE PATIENTS: A POPULATION-BASED COHORT STUDY**  
Szu-Yuan Wu1, Ju-Chi Liu2, Shing-Hwa Liu3, 1Taipei Medical Univ - Wan Fang Medical Center, Dept Radiation Oncology, Taipei, TAIWAN, 2Shuang Ho Hosp, Taipei Medical Univ, New Taipei City, Taiwan, Div Cardiovascular Medicine, Dept Internal Medicine, Taipei, TAIWAN, 3College Medicine, National Taiwan Univ, Inst Toxicology, Taipei, TAIWAN.

MP312  
**EFFECT OF PENTOXIFYLLINE ON RENAL OUTCOMES IN CHRONIC KIDNEY DISEASE PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS**  
Anna Pisano1, Christian Leporini2, Emilio Russoo, Graziella D’Arrigo1, Giuseppe Coppolino3, Davide Bolignano1, 1CNR- Inst Clinical Physiology, Reggio Calabria, Clinical Epidemiology and Physiopathology of Renal Diseases and Hypertension, Reggio Calabria, ITALY, 2Univ Magna Graecia Catanzaro, Clinical Pharmacology and Pharmacovigilance Unit, Dept Health Sciences, Catanzaro, ITALY, 3Pugliese-Ciaccio Hosp Catanzaro, Nephrology and Dialysis Unit, Catanzaro, ITALY.

MP313  
**IDENTIFYING OUTLYING PRACTICES IN PREVALENCE OF CKD IN PRIMARY CARE**  
Faye Cleary1, Dorothea Nitsch1, Ben Caplin2, David C. Wheeler2, Kathryn Griffith3, Sally Hull4, Lois Kim1, 1London School Hygiene & Tropical Medicine, Dept Non-Communicable Disease Epidemiology, London, UK, 2Univ College London, Centre Nephrology, London, UK, 3Royal College General Practitioners, Clinical Champion Kidney Care, London, UK, 4Queen Mary Univ London, Centre Primary Care and Public Health, London, UK.

MP314  
**THREE DECADES OF ATHEROSCLEROTIC RENOVASCULAR DISEASE MANAGEMENT - CHANGING OUTCOMES IN AN OBSERVATIONAL STUDY**  
Diana Vassallo1, Darren Green1, James Ritchie1, Constantina Chrysochoul, Joseph Blunt2, Philip A. Kalra1, 1Salford Royal NHS Foundation Trust, Dept Renal Medicine, Salford, UK, 2Univ Manchester, School Medicine, Manchester, UK.

MP315  
**GENETIC VARIABILITY IN THE ALKALINE PHOSPHATASE GENE (ALPL) PREDICTS DEATH AND LEFT VENTRICULAR REMODELLING IN END STAGE KIDNEY DISEASE (ESKD): AN EXPLORATORY, MENDIALIAN RANDOMIZATION STUDY**  
Alessandra Testa, Belinda Spoto, Rosa Maria Parlongo, Cristina Sanguedolce, Anna Pisano, Giovanni Tripepi, Carmine Zoccali, Francesca Mallamaci, CNR-IFC, Clinical Epidemiology and Physiopathology of Renal Disease and Hypertension, Reggio Calabria, ITALY.

MP316  
**BODY MASS INDEX AND KIDNEY FUNCTION DECLINE IN 60-80 YEARS OLD STATE-OF-THE-ART DRUG-TREATED POST-MYOCARDIAL INFARCTION PATIENTS**  
Kevin Esmeijer1,2, Johanna M. Geleijns3, Erik J. Giltay4, Theo Stijnen5, Friedo W. Dekker1, Johan W. de Fijter2, Daan Krombouhout, Ellen K. Hoogeveen7,1,2, 1Leiden Univ Medical Center, Dept Epidemiology, Leiden, NETHERLANDS, 2Leiden Univ Medical Center, Dept Nephrology, Leiden, NETHERLANDS, 3Wageningen Univ, Div Human Nutrition, Wageningen, NETHERLANDS, 4Leiden Univ Medical Center, Dept Psychiatry, Leiden, NETHERLANDS, 5Leiden Univ Medical Center, Dept Medical Statistics and Bioinformatics, Leiden, NETHERLANDS, 6Univ Medical Center Groningen, Dept Medical Sciences, Groningen, NETHERLANDS, 7Jeroen Bosch Hosp, Dept Nephrology, Den Bosch, NETHERLANDS.

MP317  
**DELTA PULSE WAVE VELOCITY IN CHRONIC KIDNEY DISEASE PATIENTS**  
Usama Elewa1, Ignacio Mahillo-Fernández2, Alberto Ortiz1, 1Fundación Jiménez Díaz Univ Hosp, Nephrology and Hypertension, Madrid, SPAIN, 2Fundación Jiménez Díaz Univ Hosp, Statistics, Madrid, SPAIN.
MP318
ADDITIVE INTERACTION BETWEEN LOW ESTIMATED GLOMERULAR FILTRATION RATE AND ANEMIA FOR HEALTH-RELATED QUALITY OF LIFE IN THE GENERAL POPULATION: THE KOREA NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (KNHANES) 2012
Eun-Young Lee, Hyaejin Yun, Joo-Hark Yi, Sang-Woong Han, Hanyang Univ Guri Hosp, Internal Medicine, Guri, KOREA.

MP319
DOES ALLOPURINOL IMPROVE CARDIOVASCULAR AND KIDNEY RISK IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS?
Ana-Maria Mehedinti1, Otilia Popa2, Mariana Lipan1, Dana Dumitruc1, Gabriel Mircescu2,1, Cristina Capusa2,1, 1Dr. Carol Davila Teaching Hosp Nephrology

MP320
CHRONIC KIDNEY DISEASE PROGRESSION IN CORONARY ARTERY DISEASE PATIENTS
Adelina Mihaescu1, Daniela A. Moteli2, Nicu Olariu3, Florica Gadalean1, Adalbert Schiller1, 1V. Babes Univ Medicine and Pharmacy Timisoara

MP321
RALOXIFENE DECREASES CORONARY EVENTS IN POSTMENOPAUSAL WOMEN WITH ADVANCED CHRONIC KIDNEY DISEASE
Pei-Chen Wu1, Vin-Cent Wu2, National Taiwan Univ Study Group on Acute Renal Failure (NSARF), 1MacKay Memorial Hosp, Internal Medicine, Taipei, TAIWAN, 2National Taiwan Univ Hosp, Internal Medicine, Taipei, TAIWAN.

MP322
PREVALENCE AND RISK FACTORS OF HEMORRHAGIC COMPLICATIONS AFTER KIDNEY ALLOGRAFT BIOPSY: RESULTS FROM THE JAPANESE NATIONWIDE CLAIM DATABASE
Hiroyuki Yamamoto1,2, Hideki Hashimoto2, Hiromasa Horiguchi3, Hideo Yasunaga4, 1St. Luke's International Hosp, Div Nephrology, Dept Internal Medicine, Tokyo, JAPAN, 2Univ Tokyo, Dept Health and Social Behavior, School Public Health, Tokyo, JAPAN, 3National Hosp Organization Headquarters, Dept Clinical Data Management and Research, Clinical Research Center, Tokyo, JAPAN, 4Univ Tokyo, Dept Clinical Epidemiology and Health Economics, School Public Health, Tokyo, JAPAN.

MP323
RENAI IMPAIRMENT AND HEART FAILURE
Rebeka Jenkins1, Lily Mandarano2, Saraniga Gugathas1, Juan Carlos Kaski3, Lisa Anderson2, Debiasih Banerjee1, 1St George's Hosp, Renal, London, UK, 2St George's Hosp, Cardiology, London, UK, 3St George's Univ, Cardiovascular Inst, London, UK.

MP324
CONSANGUINITY ASSOCIATED KIDNEY DISEASES IN ADULT TURKISH POPULATION
Yasar Caliskan1, Erol Demir1, Ozlem Yilmaz2, Fadime Seygi Sacli Alimoglu1, Halil Yazici1, Aydin Turkmen1, Alaattin Yildiz1, Nilgun Aygune1, Semra Bozfakioğlu1, Mehmet Sukru Sever1, Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Istanbul, TURKEY.

MP325
EFFECT OF METABOLIC ASCIDOSIS ON QT INTERVALS IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Ezgi C. Yenigun1, Cenk Aypak2, Didem Turgut1, Mehmet Z. Aydin3, Fatih Dedel1, 1Ankara Numune Research and Education Hosp, Nephrology, Ankara, TURKEY, 2Ankara Diskapi Yildirim Beyazit Training and Research Hosp Numune Research and Education Hosp, Family Medicine, Ankara, TURKEY, 3Balikesir State Hosp, Cardiology, Balikesir, TURKEY.

MP326
SHORT-TERM VARIABILITY DOES NOT PREDICT CARDIOVASCULAR OUTCOME IN NON-DIALYSIS CKD PATIENTS
Roberto Minutolo1, Giovanna Stanzione1, Giovanni Tripepi2, Graziella D’Arrigo2, Silvio Borrelli1, Francesca Malmaci2, Michele Provenzano1, Carlo Garofalo1, Giuseppe Conte1, Carmine Zoccali2, Luca De Nicolai1, 1Second Univ Naples, Nephrology, Naples, ITALY, 2CNR-IBIM, Clinical Epidemiology and Physiopathology of Renal Diseases and Hypertension, Reggio Calabria, ITALY.
MP327  
EXPECTED RISK OF DEATH BY CKD STAGE USING STOCHASTIC LINKAGE BETWEEN DEATH CERTIFICATES AND THE SPECIFIC HEALTH CHECK PROGRAMME COHORT IN JAPAN  
Masahide Kondo1, Mariko Yamamura2, Chih0 Iseki3, Kunitoshi Iseki3, Koichi Asahi4, Kunihiro Yamagata5, Shouichi Fujimoto6, Kazuhiro Tsuurya7, Toshiki Moritama8, Ichieu Narita9, Tsuneo Kanta10, Yugo Shibaaki11, Masato Kasa-hara12, Tsuyoshi Watanabe12, 1Univ Tsukuba, Health Care Policy and Health Economics, Ibaraki, JAPAN, 2Kagawa Univ, Nephrology and Renal Association, Kagawa, JAPAN, 3Okinawa Heart and Renal Association, Okinawa, JAPAN, 4Fukuoka Univ, Department of Internal Medicine, Fukuoka, JAPAN, 5Osaka Univ, Health Care Policy and Health Economics, Osaka, JAPAN, 6National Institute of Health and Nutrition, Tokyo, JAPAN, 7Kagawa Univ, Health Care Policy and Health Economics, Kagawa, JAPAN, 8University of Kentucky, College of Medicine, Lexington, USA, 9Yamagata Univ, Health Care Policy and Health Economics, Yamagata, JAPAN, 10Kagawa Univ, Health Care Policy and Health Economics, Kagawa, JAPAN, 11Kyoto Univ, Health Care Policy and Health Economics, Kyoto, JAPAN, 12University of Kentucky, College of Medicine, Lexington, USA.

MP328  
THE ASSOCIATION OF SEVERE PERIODONTITIS AND HYPOALBUMINEMIA IN CHRONIC KIDNEY DISEASE PATIENTS  
Manoch Rattanasompattikul1, Rujikan Ausavarungnirun1, Sutharat Chaichalermsak2, Sirinun Wisetsin3, 1Golden Jubilee Medical Center, Mahidol Univ, Medicine, Nakhon Pathom, THAILAND, 2Fac Dentistry, Mahidol Univ, Dept Oral Medicine and Periodontics, Bangkok, THAILAND, 3Fac Dentistry, Mahidol Univ, Dept Radiology, Bangkok, THAILAND.

MP329  
ASPECTS OF CKD EPIDEMIOLOGY IN THE ELDERLY  
Łukasz Zdrojewski1, Ewa Krol1, Tomasz Zdrojewski2, Bolesław Rutkowski1, Alicja Dębeka-Śliżewski1, 1Medical Univ Gdansk, Dept Nephrology and Hypertension, Gdansk, POLAND, 2Medical Univ Gdansk, Dept Internal Medicine, Gdansk, POLAND.

MP330  
LOWER CALCIUM IS ASSOCIATED WITH KIDNEY FUNCTION DECLINE IN INDIVIDUALS WITH CHRONIC KIDNEY DISEASE  
C J. Janmaat1, M van Diepen1, A Gasparini2, M Evans2, A R. Qureshi2, J Arnlov2, P Barany2, C G. Elinder3,4, J I. Rotmans4, 1Leiden Univ Medical Center, Dept Clinical Epidemiology, Leiden, NETHERLANDS, 2Karolinska Inst, Dept Clinical Science, Stockholm, SWEDEN, 3Stockholm County Council, Public Healthcare Services Committee, Stockholm, SWEDEN, 4Leiden Univ Medical Center, Dept Nephrology, Leiden, NETHERLANDS, 5VU Univ Medical Center, Dept Nephrology and Inst Cardiovascular Research VU, Amsterdam, NETHERLANDS, 6Karolinska Inst, Center Molecular Medicine, Stockholm, SWEDEN.

MP331  
DOES RENAL FAILURE AFFECT OUTCOME AFTER AUTOLOGOUS STEM CELL TRANSPLANTATION IN PATIENTS WITH MULTIPLE MYELOMA?  
Marlies Antlanger1, Wolfgang W. Lamm2, Edit Porpaczy3, Thomas Reiter4, Christoph Minichsdorfer2, Werner Rabinowitz5, M Vervloet5, F W. Dekker6, 1Medical Univ Vienna, Dept Internal Medicine, Vienna, AUSTRIA, 2Medical Univ Vienna, Oncology, Vienna, AUSTRIA, 3Medical Univ Vienna, Hematology and Hemostaseology, Vienna, AUSTRIA, 4Medical Univ Vienna, Nephrology and Dialysis, Vienna, AUSTRIA, 5Medical Univ Vienna, Bone Marrow Transplantation Unit, Vienna, AUSTRIA.

MP332  
INDEPENDENT AND ADDITIVE PREDICTIVE EFFECTS OF SERUM GAMMA-GLUTAMYL TRANSFERASE AND ALKALINE PHOSPHATASE LEVELS ON MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE  
Fernando Caravaca-Fontán1, Lilia Azevedo2, Boris Gonzalez-Candia2, Miguel A. Bayo2, Enrique Luna2, Francisco Caravaca2, 1Hosp Ramón y Cajal, Nephrology, Madrid, SPAIN, 2Hosp Infanta Cristina, Nephrology, Badajoz, SPAIN.

MP333  
THE EFFECTS OF KIDNEY ALONE OR SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANT ON QUALITY OF LIFE AND HEALTH STATUS: FINDINGS FROM ATTOM PROGRAMME COHORTS WITH BASELINE DATA  
Andrea Gibbons, Clare Bradley, ATTOM investigators, Royal Holloway, Univ London, Health Psychology Research Unit, Egham, UK.

MP334  
RENAL FUNCTION ANALYSIS IN PATIENTS RECEIVING TREATMENT FOR HEPATITIS C VIRUS (HCV)  
Soledad Pizarro Sanchez1, Michelle Casanova Cabral2, Saray Menendez Maldonado1, Carolina Graha Zuidema1, Raquel Esteras Rubiol1, Juan Carlos Porres2, Jesus Egoz de los Rios1, Benjamín Polo Lorduy2, Emilio Gonzalez Parral1, 1Fundación Jimenez Diaz, Nephrology, Madrid, SPAIN, 2Fundación Jimenez Diaz, Gastroenterology, Madrid, SPAIN.

MP335  
HYPERPHOSPHATEMIA: A MARKER OF RENAL INJURY AND OUTCOME IN PATIENTS WITH EARLY STAGE DIABETIC NEPHROPATHY  
Song Jiang, Yu Pan, Dan-Dan Qiu, Yu An, Yong-Chun Ge, Hong-Lang Xie, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.
Alexey Zulkarnaev1, Andrey Vatazin1, Elena Rusanova2, Vadim Stepanov1, 1M.F Vladimirsky Moscow Regional Research Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION, 2M.F Vladimirsky Moscow Regional Research Clinical Inst, Dept Clinical Microbiology, Moscow, RUSSIAN FEDERATION.

MP337 RENAL BIOPSY REGISTRY FROM CROATIAN UNIV HOSP. A REVIEW OF EPIDEMIOLOGICAL DATA
Miroslav Tisljar1, Ivica Horvatic1, Matija Crnogorac1, Luka Toric1, Dino Kasumovic1, Petar Senjug2, Jasna Bacala2, Danica Galesic Ljubanovic2, Kresimir Galesic1, 1Univ Hosp Dubrava, Nephrology, Zagreb, CROATIA, 2Univ Hosp Dubrava, Pathology, Zagreb, CROATIA.

MP338 IMPACT OF CHRONIC KIDNEY DISEASE AMONG KOREANS ADULTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE
Min Young Kim, Jonghyun Lee, Mijung Yoo, Sungmin Boo, Na Ree Kang, Seoul Medical Center, Internal Medicine, Seoul, KOREA.

MP339 ASSOCIATION OF BLOOD LEAD WITH KIDNEY DISEASE IN A GROUP OF EGYPTIAN PATIENTS WITH UNEXPLAINED CHRONIC KIDNEY DISEASE
Ihab A. Ibrahim1, Manal Al-Deeb2, Aml Al-Safty3, 1,2Fac Medicine, Dept Nephrology, Cairo Univ, Cairo, Egypt, 3Fac Medicine, Dept Industrial Medicine, Cairo Univ, Cairo, Egypt.

MP340 RISK OF ALBUMINURIA IN METABOLICALLY HEALTHY OBESE INDIVIDUALS
SeWon Oh, Inje Univ Ilsan Paik Hosp, Internal Medicine, Goyang, KOREA.

MP341 WHY DO DOCTORS PRESCRIBE DIALYSIS? THE PERIDIALYSIS STUDY
James Heaf1,2, Aivars Petersons3, Baibar Venere3, Maija Heiro4, Johan V. Povlsen5, Mai Rosenberg6, Niels Lekkegaard7, Fabiola Alonso-Garcia8, Jan Kampmann8, Naomi Klyne9, Else Randers10, 1Roskilde Hosp, Univ Copenhagen, Medicine, Roskilde, DENMARK, 2Herlev Hosp, Univ Copenhagen, Nephrology, Herlev, DENMARK, 3P.Stradins Univ Hosp, Nephrology, Riga, LATVIA, 4Turku Univ Hosp, Nephrology, Turku, FINLAND, 5Aarhus Univ Hosp, Nephrology, Aarhus, DENMARK, 6Univ Hosp Tartu, Nephrology, Tartu, ESTONIA, 7Holbaek Hosp, Univ Copenhagen, Medicine, Holbaek, DENMARK, 8Sønderborg Hosp, Nephrology, Sønderborg, DENMARK, 9Lund Hosp, Univ Skåne, Nephrology, Lund, SWEDEN, 10Viborg Hosp, Medicine, Viborg, DENMARK.

MP342 SUBENDOCARDIAL VIABILITY RATIO AND PROTEINURIA IN PATIENTS WITH CHRONIC KIDNEY DISEASE AND HEALTHY PEOPLE
Robert Ekart1, Anja Šegula2, Tanja Hartman2, Radovan Hojs3, 1Univ Clinical Centre Maribor, Dept Dialysis, Maribor, SLOVENIA, 2Univ Maribor, Medical Fac, Maribor, SLOVENIA, 3Univ Clinical Centre Maribor, Dept Nephrology, Maribor, SLOVENIA.

MP343 THE ASSOCIATION BETWEEN SERUM URIC ACID AND INCIDENCE OF NON-FATAL STROKE IN THE CKD POPULATION: A LONGITUDINAL SURVEY OF A NATIONWIDE COHORT IN JAPAN
KEITA KAMEI1, Akira Araumi1, Sayumi Watanabe1, Hiroko Sato1, Kazunobu Ichikawa1, Tsuneo Konta1, Isao Kubota1, Kunitoshi Ikeiz2, Kunihiro Yamagata2, Shouichi Fujimoto2, Kazuhiro Tsuruya2, Ichiei Narita2, Toshiki Moriyama2, Shibagaki Yugo2, Koichi Asahiz2, Masahide Kondo2, Masato Kasahara2, Tsuyoshi Watanabe2, Yamagata Univ School Medicine, Dept Cardiology, Pulmonology, and Nephrology, Yamagata, JAPAN, 2Steering Committee “Design of the comprehensive health care system for chronic kidney disease (CKD) based on the individual risk assessment by Specific Health Check”, Fukushima Medical Univ, Fukushima, JAPAN.
**MP344**

**THE INTERDIALYTIC PERIOD FOR BLOOD COLLECTION INFLUENCES SERUM PHOSPHORUS AND THE RISK OF MORTALITY IN THE COSMOS STUDY**  

Adriana Dusso1, José L. Fernández-Martín1, Pablo Martínez-Camblor2, Maria P. Dionisi1, Jürgen Floege2, Markus Ketelhut2, Gérard London1, Francesco Locatelli1, José L. Gorriz2, Boleslaw Rutkowski2, Willem-Jan Bos2, Christian Tielmans2, Pierre-Yves Martin2, Rudolf F. Wüthrich2, Drasko Pavlovic2, Miha Benedik2, Diego Rodriguez-Puyol2, Juan J. Carrero2, Carmine Zoccali2, Jorge B. Cannata-Andía1, on behalf of COSMOS group, 1Hosp Univ Central de Asturias, Bone and Mineral Research Unit, Inst Reina Sofia Investigacion, REDinREN del ISCIII, Oviedo, SPAIN, 2COSMOS group, Oviedo, SPAIN.

**MP345**

**CHRONIC KIDNEY DISEASE DISTURBS CARDIAC CALCIUM HANDLING DUE TO HIGH FGF23 LEVELS**  

Melissa Verkaik1,2, Maarten Oranje1, Zeineb Gam1, Desiree Abdurrahim3, Jeanine J. Prompers3, Aref Najafi1, Diedrik W. Kuster1, Manuela A. S. Al Sharkway1, Michiel Helmes1, Pieter M. ter Wee1, Jolanda van der Velden1, Etto C. Eringa1, Marc G. Vervloet2, 1VU Univ Medical Center, Dept Physiology, Amsterdam, NETHERLANDS, 2VU Univ Medical Center, Dept Nephrology, Amsterdam, NETHERLANDS, 3Eindhoven Univ Technology, Dept Biomedical Engineering, Biomedical NMR, Eindhoven, NETHERLANDS.

**MP346**

**VITAMIN D DEFICIENCY AND ELEVATED PTH BUT NOT FGF-23 PREDICT ALL-CAUSE MORTALITY IN PEOPLE WITH CKD STAGE 3 IN PRIMARY CARE**  

Adam Shardlow1,2, Natasha J. McIntyre1, Richard J. Fluck1, Chris W. McIntyre3, Maarten W. Taal1,2, 1Royal Derby Hosp, Renal Medicine, Derby, UK, 2Univ Nottingham, Div Medical Sciences and Graduate Entry Medicine, Nottingham, UK, 3Univ Western Ontario, Schulich School of Medicine and Dentistry, London, ON, CANADA.

**MP347**

**CALCITRIOL ALTERS THE PATHOLOGICAL PHENOTYPE ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN AN EXPERIMENTAL MODEL OF CHRONIC KIDNEY DISEASE**  

Mandy E. Turner, Kristin M. McCabe, Jason G. E. Zelt, Kimberly Laverty, Rachel M. Holden, Michael A. Adams, Queen's Univ, Biomedical and Molecular Sciences, Kingston, ON, CANADA.

**MP348**

**ADDITION OF SEVELAMER AND MORTALITY: THE WORLDWIDE DOPPS STUDY**  

Hirotaka Komaba1, Mia Wang2, Masatomo Taniguchi3, Suguru Yamamoto4, Takehku Nomura5, Douglas E. Schaubel6, Jacy Zee2, Angelo Karaboyas2, Brian Bieber2, Masafumi Fukagawa1, Francesca Tenerizi1,токио Univ School Medicine, Div Nephrology, Endocrinology and Metabolism, Japan, JAPAN, 2Auburn Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3Graduate School of Medical Sciences, Kyushu Univ, Dept Medicine & Clinical Science, Fukuoka, JAPAN, 4Niigata Univ Graduate School Medical Sciences, Div Clinical Nephrology and Rheumatology, Niigata, JAPAN, 5Kyowa Hakko Kirin Co. Ltd., Medical Affairs Dept, Tokyo, JAPAN, 6Univ Michigan, Dept Biostatistics, Ann Arbor, MI.

**MP349**

**ENDOTHELIAL DYSFUNCTION IN EXPERIMENTAL CHRONIC KIDNEY DISEASE IS CAUSED BY FGF23**  

Melissa Verkaik1,2, Pieter M. ter Wee1, William G. Richards3, Etto C. Eringa1, Marc G. Vervloet2, 1VU Univ Medical Center, Dept Nephrology, Amsterdam, NETHERLANDS, 2VU Univ Medical Center, Dept Physiology, Amsterdam, NETHERLANDS, 3Amgen inc., Dept Metabolic Disorders, Thousand Oaks, CA.

**MP350**

**VITAMIN D RECEPTOR ACTIVATION INCREASES SERUM SCLEROSTIN IN CKD PATIENTS: A RANDOMIZED CLINICAL TRIAL**  

Claudia Torino1,2, Patrizia Pizzini1, Sebastiano Cutrupi1, Giovanni Tripepi1, Francesca Mallamaci1, Ravi Thadhani2, Carmine Zoccali1, 1CNR-IFC, & Nephrology and Renal Transplantation Unit, Reggio Calabria, ITALY, 2Harvard Medical School and Div Nephrology, Massachusetts General Hosp (MGH), Boston, MA.

**MP351**

**ERK1/2 SIGNALING IS A MODULATOR OF BM-MSC OSTEOGENIC DIFFERENTIATION IN HIGH-TURNOVER RENAL OSTEODYSTROPHY**  

Jianqing Jiang, Junya Jia, Shan Lin, Tianjin Medical Univ General Hosp, Dept Nephrology, Tianjin, CHINA.

**MP352**

**EFFECTS OF A REGIMEN BASED ON RESTRICTED CALCIUM INTAKE FROM PHOSPHATE BINDERS, LOW DOSE VITAMIN D SUPPLEMENTATION , AND PARICALCITOL, ON SURVIVAL, HOSPITALIZATION AND RENAL PROGRESSION. A PROSPECTIVE COHORT STUDY IN NON-DIALYSIS CKD PATIENTS**  

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Posters

MP353
SUSTAINED PHOSPHATE CAUSES ENDOTHELIAL DYSFUNCTION AND INCREASES VASCULAR STIFFNESS IN CKD PATIENTS
Kathryn Stevens, Rajan K. Patel, Laura Denby, Patrick B. Mark, Christian Delles, Alan G. Jardine, Univ Glasgow, ICAMS, Glasgow, UK.

MP354
NO CLEAR ASSOCIATION WAS FOUND BETWEEN HIGH FRACTURE RISK AND MINERAL METABOLIC MARKERS AMONG JAPANESE DIALYSIS PATIENTS
Junichiro J. Kazama1,2, Suguru Yamamoto2, Ichieki Narita2, Chisato Miyakoshi3, Yoshihiro Onishi4, Shingo Fukuma5, Shinichi Fukuhara5, Masafumi Fukagawa6, Tadao Akizawa7, 1Niigata Univ Graduate School of Medicine, Dept Comprehensive Kidney Disease Research, Saitama, Osaka, JAPAN, 2Niigata Univ, Health Care Center, Toyonaka, Osaka, JAPAN, 3Osaka Univ Graduate School of Medicine, Dept Nephrology, Suita, Osaka, JAPAN.

MP355
ALDOSTERONE PLAYS A ROLE IN THE PATHOGENESIS OF ECTOPIC CALCIFICATION IN CHRONIC KIDNEY DISEASE.
Masamitsu Senda1,2, Takayuki Hamano1, Yusuke Sakaguchi1, Yoshitaka Isaka3, Toshihiko Moriyama4, 1Osaka Univ Graduate School of Medicine, Dept Comprehensive Kidney Disease Research, Saitama, Osaka, JAPAN, 2Osaka Univ, Health Care Center, Toyonaka, Osaka, JAPAN.

MP356
TREATMENT OF PERSISTENT HYPERCALCEMIA IN KIDNEY TRANSPLANT RECIPIENTS WITH CINACALCET
Ayssegul Oruc1, Abdulmecit Yildiz1, Ozen Oz Gul2, Canan Ersoy2, Erdinc Erturk2, Alparslan Ersoy1, 1Uludag Univ, Nephrology, Bursa, TURKEY, 2Uludag Univ, Endocrinology, Bursa, TURKEY.

MP357
VASCULAR CALCIFICATION OF THE PUDENDAL ARTERY IS A SENTINEL FOR ELEVATED PULSE WAVE VELOCITY
Paul S. Jeronimo1, Jason G. E. Zelt1, Kristin M. McCabe1, Maria Tina Maio Twofoot1, Kimberly Laverty1, Mandy E. Turner1, Rachel M. Holden2, Michael A. Adams1, 1Queen's Univ, Biomedical and Molecular Science, Kingston, ON, CANADA, 2Queen's Univ, Medicine, Kingston, ON, CANADA.

MP358
IRON CITRATE REDUCES HIGH PHOSPHATE-INDUCED VASCULAR CALCIFICATION BY INHIBITING APOPTOSIS
Paola Ciceri, Francesca Ellì, Paola Braidotti, Marco Cozzolino, Univ Milan, Health Sciences, Milan, ITALY.

MP359
FGF23 AND MARKERS OF MINERAL METABOLISM IN SUBJECTS WITH PRESERVED RENAL FUNCTION
Nasser Dhayat1, Daniel Ackermann1, Wen Zhang2, Belen Ponte3, Georg Ehret4, Idris Guissou5,6, Alexander B. Leichtle7, Fred Paccoud6, Markus Mohaupt1, Georg-Martin Fiedler7, Olivier Devuyst8, Antoinette Pechère-Bertschi9, Michel Burnier2, Pierre-Yves Martin3, Murielle Bochud4, Bruno Vogt1, Daniel G. Fuster1, 1Inselspital, Bern Univ Hosp, Univ Bern, Center Lab Medicine, Bern, SWITZERLAND, 2Univ Hosp Geneva (HUG), Service Cardiology, Dept Specialties of Internal Medicine, Geneva, SWITZERLAND, 3Univ Hosp Geneva (HUG), Service Cardiology, Dept Specialties of Internal Medicine, Geneva, SWITZERLAND, 4Univ Hosp Geneva (HUG), Service Cardiology, Dept Specialties of Internal Medicine, Geneva, SWITZERLAND, 5Univ Hosp Geneva (HUG), Service Cardiology, Dept Specialties of Internal Medicine, Geneva, SWITZERLAND, 6Univ Hosp Lausanne (CHUV), Service Social and Preventive Medicine (IUMSP), Lausanne, SWITZERLAND, 7Swiss Center of Biostatistics, Bern, SWITZERLAND, 8Univ Zurich, Inst Physiology, Zurich, SWITZERLAND, 9Univ Hosp Geneva (HUG), Service Endocrinology, Dept Specialties of Internal Medicine, Geneva, SWITZERLAND.

MP360
BONE MINERAL DENSITY AND BONE MICROARCHITECTURE IN PATIENTS WITH CHRONIC RENAL FAILURE
Daniela Monova1, Simeon Monov2, Dobrina Mluchkova3, Maria Stambolova1, Evgeniya Peneva4, 1Medical Inst, Dept Internal Diseases, Sofia, BULGARIA, 2Medical Univ, Dept Rheumatology, Sofia, BULGARIA, 3Medical Inst, Dept Radiology, Sofia, BULGARIA, 4Medical Inst, Dept Internal Diseases, Sofia, BULGARIA.

MP361
EFFICACY AND SAFETY OF A NOVEL INTRAVENOUS CALCIMIMETIC, ONO-5163 (ETELCALCETIDE) IN JAPANESE HEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM: RESULTS OF A PLACEBO CONTROLLED PHASE III STUDY
Masafumi Fukagawa1, Keltaro Yokoyama2, Takashi Shigematsu3, Takashi Akiba4, Akifumi Fujiij, Takuto Kuramoto5, Motoi Odaniz, Tadao Akizawa7, 1Osaka Univ Graduate School of Medicine, Dept Comprehensive Kidney Disease Research, Saitama, Osaka, JAPAN, 2Tokai Univ, Nephrology, Endocrinology and Metabolism, Isehara, JAPAN, 3Tokyo Univ, Nephrology, Endocrinology and Metabolism, Isehara, JAPAN, 4Tokyo Women's Medical Univ, Blood Purification, Kidney Center, Tokyo, JAPAN, 5Ono Pharmaceutical Co., Ltd., Clinical Development, Osaka, JAPAN, 6Ono Pharmaceutical Co., Ltd., Data Science, Osaka, JAPAN, 7Showa Univ, Nephrology, Tokyo, JAPAN.
MP362  
**FGF23, IRON STATUS AND VITAMIN D METABOLISM IN CHRONIC KIDNEY DISEASE**  
Isabelle Piec1, Allison Chipchase2, Holly Nichols1, Christopher Washbourne1, Jonathan Tang1, William D. Fraser1,  
1Univ East Anglia, Medicine, Norwich, UK, 2Norfolk and Norwich Univ Hosp, Proteins, Norwich, UK.

MP363  
**CHOLECALCIFEROL SUPPLEMENTATION IN HEMODIALYSIS: NO RISKS AND POSSIBLE NUTRITIONAL BENEFIT**  
Makrouhi A. Sonikian1, Theodora Papachrisanthou1, Panagiotis Politis1, Irene Kastrinelli2, Claudia Lougovoi2, George  
Tserkezis1, Athanassios Zapantis3, Pinelopi Paraskevopoulou2, Christophoros Parisiss1, 1Konstantopouliou General  
Hosp, Nephrology, Athens, GREECE, 2Konstantopouliou General Hosp, Biochemistry, Athens, GREECE, 3Konstanto-  
pouliou General Hosp, Pharmacy, Athens, GREECE.

MP364  
**BONE DISEASE CHARACTERIZATION IN A GROUP OF PREDIALYSIS PATIENTS**  
Ricardo Neto1,2, Luciano Pereira1,2, Catarina Carvalho3,2, Juliana Magalhães2, João Fraząo1,2, 1Centro Hosp São João,  
Nephrology Dept, Porto, PORTUGAL, 2INEB-(I3S), Nephrology and Infectious Diseases Research and Development  
Group, Porto, PORTUGAL, 3Hosp Braga, Nephrology Dept, Braga, PORTUGAL.

MP365  
**SUCROFERRIC OXYHYDROXIDE DOES NOT IMPACT THE IPTH-LOWERING EFFECTS OF ORAL VDRAS OR CI-  
NACALCET: A POST HOC ANALYSIS OF A PHASE 3 STUDY**  
Jürgen Floege1, Stuart Sprague2, Adriano Covic3, Anjay Rastogi4, Bruce Spinowitz5, Sylvain Larroque6, Viatcheslav  
Rakov7, Markus Ketteler8, 1RWTH Univ Hosp Aachen, Dept Nephrology and Clinical Immunology, Aachen, GERMANY,  
2NorthShore Univ Health System, Univ Chicago, Div Nephrology and Hypertension, Evanston, IL, 3Gr. T. Popa Univ  
Medicine and Pharmacy, Dept Internal Medicine, Iasi, ROMANIA, 4Univ California, Dept Medicine, Los Angeles, CA,  
5New York Hosp Queens, Dept Medicine, Flushing, New York, NH, 6Avifor Pharma, Clinical Development and Medical  
Affairs, Glattbrugg, SWITZERLAND, 7Avifor Pharma, Global Medical Affairs, Glattbrugg, SWITZERLAND, 8Coburg  
Clinic and KfH-Dialysis Center, Div Nephrology, Coburg, GERMANY.

MP366  
**PERSISTENT POSTTRANSPLANT HYPERPARATHYROIDISM IS INDEPENDENTLY ASSOCIATED WITH LOSS OF  
MINERAL BONE DENSITY BY QUANTITATIVE CT**  
Ahad A. Abdalla1, Sinead Kinsella1, Fiachra Moloney2, Daniel Fama3, Wiliam D. Plant1, Michael R. Clarkson1, Michael  
M. Maher2,3, Joseph A. Eustace1,2, 1Cork Univ Hosp, Dept Renal Medicine, Cork, IRELAND, 2Cork Univ Hosp, Dept  
Radiology, Cork, IRELAND, 3Univ College Cork, School Medicine, Cork, IRELAND.

MP367  
**LOW MAGNESIUM LEVELS ARE CLOSELY RELATED WITH FGF-23 LEVELS AND ARTERIAL STIFFNESS IN HE-  
MODIALYSIS PATIENTS**  
Emre Tutal, Zeynep Bal, Mehtap Erkmen Uyar, Siren Sezer, Baskent Univ Fac Medicine, Nephrology, Ankara, TURKEY.

MP368  
**A NOVEL INTRAVENTRICAL CALCIMIMETIC, ONO-5163 (ETELCALCETIDE): A MULTICENTER, SINGLE AND MUL- 
TIPLE DOSE STUDY IN JAPANESE HEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM**  
Keitaro Yokoyama1, Masafumi Fukagawa2, Takashi Shigematsu3, Takashi Akiba4, Akifumi Fujii5, Akinori Yamauchi6,  
Motoi Odani7, Tadao Akizawa8, ONO-5163 Study Group, 1Jikei Univ, Nephrology and Hypertension, Tokyo, JAPAN,  
2Tokai Univ, Nephrology, Endocrinology and Metabolism, Isehara, JAPAN, 3Sakai Medical Pharm Univ, Nephrology,  
Wakayama, JAPAN, 4Tokyo Women's Medical Univ, Blood Purification, Kidney Center, Tokyo, JAPAN, 5Ono Pharma-  
tecial Co., Ltd., Clinical Development, Osaka, JAPAN, 6Ono Pharmaceutical Co., Ltd., Clinical Pharmacology, Osaka,  
JAPAN, 7Ono Pharmaceutical Co., Ltd., Data Science, Osaka, JAPAN, 8Showa Univ, Nephrology, Tokyo, JAPAN.

MP369  
**MINERAL METABOLISM OUTCOMES OF A TREATMENT PROTOCOL FOR CONTROLLING SECONDARY HYPER-  
PARATHYROIDISM IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS. A PROSPECTIVE COHORT STUDY.**  
Pablo Molina1,2, Sandra Beltran1,2, Belen Vizcaino1,2, Celia Climent1, Laura Salvettili1, Belen Alemany1, Juan C. Alonso-  
Gomez1, Rafa Garcia-Masset1, Ana Peris1, Veronica Escudero1,2, Jose E. Fernandez-Najera1, Jose L. Gorriz1,2, Luis M.  
Pallardo1,2, 1Valencian Society Nephrology, CKD-MBD Working Group, Valencia, SPAIN, 2Dr Peset Univ Hosp, Dept  
Nephrology, Valencia, SPAIN.

MP370  
**FRACTURING ISSUE CONCERNING CARDIOVASCULAR MORTALITY IN CHRONIC KIDNEY DISEASE PA- 
IENTS.**  
Filipa Brito Mendes1, Ana P Silva1,2, Isis Alonso1, André Fragoso1, Luisa Helena Pereira1, Teresa Jerónimo1, Ana Pi- 
mentel1, Pedro L Neves1,2, 1Centro Hosp Algarve- Unidade Faro, Nefrologia, Faro, PORTUGAL, 22Univ Algarve, Dep  
Cláncias Biomédicas e Medicina, Faro, PORTUGAL.
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Posters

MP371
αKLOTHO AND FIBROBLAST GROWTH FACTOR 23 ARE NOT ASSOCIATED WITH THE DECREASE OF TUBULAR PHOSPHATE REABSORPTION IN EARLY CKD: EXPERIMENTAL AND CLINICAL STUDY
Evdokia Bogdanova1, Natalia Semenova2, Olga Galkina1, Irina Zubina1, Vasili Sipovski1, Olga Beresneva1, Galina Ivanova1, Marina Parastaeava1, Vladimir Dobronravov1, IPavlov First Saint Petersburg State Medical Univ, Nephrology Research Inst, Saint Petersburg, RUSSIAN FEDERATION, 2Russian Research Inst Hematology and Blood Transfusion, Lab Leukemia, Saint Petersburg, RUSSIAN FEDERATION.

MP372
USE OF DENUSUMAB IN END STAGE RENAL DISEASE
Athina Drakou, E. Triantou, A. Vourliotou, C. Ifanti, N. Arvanitis, S. Moutafis, Henry Dunant Hosp Center, Nephrology Dept, Athens, GREECE.

MP374
ASYMPTOMATIC GOUT IN CHRONIC KIDNEY DISEASE: PREVALENCE STUDY USING DUAL ENERGY CT AND ULTRASOUND
Nienke F. L. Conijn1, Ewout J. Hoorn2, Marijn Vis1, Erasmus Medical Center, Rheumatology, Rotterdam, NETHERLANDS, 2Erasmus Medical Center, Nephrology, Rotterdam, NETHERLANDS, 3Erasmus Medical Center, Radiology, Rotterdam, NETHERLANDS.

MP375
INFLAMMATION BUT NOT DERANGED MINERAL METABOLISM MAY EXPLAIN THE PROGRESSION OF CORONARY ARTERY CALCIFICATION IN CKD PATIENTS NOT ON DIALYSIS
Luigi Russo1, Yuni Battaglia2, Giovann Battista Capasso1, Vittoria D'esposito3, Biagio Di iorio4, Luca Di lullo5, Pietro Formisano3, Alessandra Perna1, Maria Luisa Tramontano3, Domenico Russo6, Isecond Univ Naples, Cardio-thoracic and Respiratory Sciences, Napoli, ITALY, 2Univ-Hosp St. Anna, Nephology, Ferrara, ITALY, 3Univ Federico II, Translational Sciences, Napoli, ITALY, 4Landolth Hosp, Nephrology, Solfra, ITALY, 5Parodi-Delfino Hosp, Nephrology, Roma, ITALY, 6Univ Federico II, Nephrology, Napoli, ITALY.

MP376
COMPARING EFECTIVENESS OF PARATHYROIDECTOMY AND CALCIMIMETIC TREATMENT IN HEMODIALYSIS PATIENTS WHO DIAGNOSED WITH RESISTANT HYPERPARATHYROIDISM
Mansur Kayatas1, Bahaattin Aydin2, Can Huzmeli1, 1Cumhuriyet Univ Medical School, Nephrology & Hypertension, Sivas, TURKEY, 2Cumhuriyet Univ Medical School, Internal Medicine, Sivas, TURKEY.

MP377
EFFECT OF CALCITRIOL ON THE CONTROL OF BONE RESORPTION IN OSTEOCLAST
Kuo-Cheng Lu1, Chien-Lin Lu2, Jia-Fwu Shyu3, ICardinal-Tien Hosp, Dept Medicine, New Taipei City, TAIWAN, 2Shin-Kong Wu Ho-Su Memorial Hosp, Dept Medicine, Taipei, TAIWAN, 3National Defense Medical Center, Dept Biology and Anatomy, Taipei, TAIWAN.

MP378
PHOSPHATE BINDERS, VITAMIN K ABSORPTION
Aegida Neradova1, Stefan Schumacher2, Petra Lux3, Leon Schurgers3, Marc Vervoet1, 1VU Medical Center, Nephrology, Amsterdam, NETHERLANDS, 2VU Free Univ, Medical Science, Amsterdam, NETHERLANDS, 3Univ Maastricht, Biochemistry, Maastricht, NETHERLANDS.

MP379
RISK FACTORS FOR FRACTURES IN TYPE 2 DIABETIC WITH CHRONIC KIDNEY DISEASE STAGE: THE SAINTS AND THE SINNER
Ana Paula Silva1,2, Filipa Mendes1, Andre Fragosos1, Nelio Santos3, Fatima Rato3, Marilia Faisca4, Pedro Leao Neves1,2, 1CH Algarve, Nephrology, Faro, PORTUGAL, 2Univ Algarve, Ciências Biomédicas e Medicina, Faro, PORTUGAL, 3CH Algarve, Clinical Pathology, Faro, PORTUGAL, 4Gnóstica, Lab, Faro, PORTUGAL.

MP380
RISK FACTORS OF HIP FRACTURES IN CHRONIC KIDNEY DISEASE PATIENTS.
Filipa Brito Mendes1, Ana P Silva1,2, Isis Alomos1, André Fragosos1, Luisa Helena Pereira1, Teresa Jerónimo1, Ana Pimentel, Pedro L. Neves1,2, 1Centro Hosp Algarve- Unidade Faro, Nefrologia, Faro, PORTUGAL, 2Univ Algarve, Dep Ciências Biomédicas e Medicina, Faro, PORTUGAL.

MP381
SERUM FIBROBLAST GROWTH FACTOR 23 LEVELS IN PATIENTS WITH HYPOPHOSPHATEMIA DUE TO FANCONI SYNDROME
Shunsuke Goto, Hideki Fujii, Keiji Kono, Kentaro Nakai, Shinichi Nishi, Kobe Univ Graduate School Medicine, Div Nephrology and Kidney Center, Kobe, JAPAN.
CHARACTERISTICS OF RESPONDERS AND NON-RESPONDERS TO TREATMENT WITH SUCROFERRIC OXYHYDROXIDE: A POST HOC ANALYSIS OF A PHASE 3 STUDY
Jürgen Floege1, Stuart Sprague2, Anjay Rastogi3, Markus Ketteler4, Adrian Covic5, Viatcheslav Rakov6, Sylvain Larroque7, Pablo Pergola8, 1RWTH Univ Hosp Aachen, Dept Nephrology and Clinical Immunology, Aachen, GERMANY, 2Northshore Univ Health System, Univ Chicago, Div Nephrology and Hypertension, Evanston, IL, 3Univ California, Dept Medicine, Los Angeles, CA, 4Coburg Clinic and KH-Dialysis Center, Div Nephrology, Coburg, GERMANY, 5Gr. T. Popa Univ Medicine and Pharmacy, Dept Internal Medicine, Iasi, ROMANIA, 6Vifor Pharma, Global Medical Affairs, Glattbrugg, SWITZERLAND, 7Vifor Pharma, Clinical Development and Medical Affairs, Glattbrugg, SWITZERLAND, 8Univ Texas Health Sciences Center, Dept Medicine, San Antonio, TX.

DOES CHOLECALCIFEROL CORRECT SECONDARY HYPERPARATHYROIDISM IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS?
Cristina Capusa1,2, Simona Stancu1,2, Ligia Torsin1, Corina Chiriac1, Liliana Viasu2, Daniela Maria3, Eugen Mota3, Gabriel Mircescu1,2, 1Carol Davila Univ Medicine and Pharmacy

LOW BONE MINERAL DENSITY OF LEGS AND FEMORAL NECK ASSOCIATES WITH CORONARY CALCIFICATION SCORE IN FEMALE END-STAGE RENAL DISEASE PATIENTS
Zhimin Chen1,2, Abdul R. Qureshi1, Matthias Haarhaus1, Hannes Olason1, Olof Heimburger1, Peter Barany1, Jonaz Ripsveden3, Torkel Brismar3, Ingrid Bergström4, Bengt Lindholm1, Peter Stenvinkel1, 1Karolinska Inst, Dept Internal Medicine, Karolinska Hospital, Stockholm, SWEDEN, 2Hejiangun Univ, Kidney Disease Center, First Affiliated Hosp College Medicine, Hangzhou, CHINA, 3Karolinska Inst, Radiology, Stockholm, SWEDEN, 4Karolinska Inst, Obstetrics and Gynaecology, Stockholm, SWEDEN.

SCREENING FOR VASCULAR CALCIFICATION IN INCIDENT DIALYSIS PATIENTS IS NOT SYSTEMATICALLY PERFORMED
Pablo Antonio Urena Torres1, Dominique Prié2, Eric Daugas3, Denis Fouque4, 1Clinique Landy, Service Néphrologie-Dialyse, Saint Ouen, FRANCE, 2INSERM U1151-CNRS UMR8253, Univ Paris Descartes, Inst Necker-Enfants Malades, Paris, FRANCE, 3INSERM U1149, Univ Paris Diderot, Service Néphrologie, Hôp Bichat, Paris, FRANCE, 4INSERM U1060, Univ Lyon, Service Néphrologie, Hôp Edouard Herriot, Lyon, FRANCE.

ELECTIVE PARATHYROID SURGERY IN DIALYSIS PATIENTS WITH CHRONIC RENAL FAILURE AND MORTALITY
Deborah Sylvester1, Rishi Srivastava1, Archie Lamplugh2, Victoria Allgar3, Christopher Snowden4, Sunil Bhandari2, James England1, 1Hull and East Yorkshire Hosp, Otolaryngology, Cottingham, UK, 2Hull and East Yorkshire Hosp, Renal Medicine, Hull, UK, 3Hull and York Medical School, Dept Health Sciences, York, UK, 4Hull and East Yorkshire Hosp, Anaesthesia, Cottingham, UK.

MULTIPLE GENE MUTATIONS IN GNAS1, FGF23 AND FGFR3 GENES IN CKD PATIENTS WITH SH . SAGLIKER SYNDROME.
Osman Demirhan1, Ahmet Arslan2, Yahya Sagliker3, Eyllul Akballi4, Sercan Ergun2, Recep Bayraktar2, Hasan Sabit Sagliker4, Ekrem Dogan5, Ramazan Gunesarac6, Piril Sagliker Ozyavak7, Nuray Paylar7, 1Cukurova Univ, Molecular Genetics, Adana, TURKEY, 2Gazi University, Molecular Genetics, Gazi University, TURKEY, 3Cukurova University, Molecular Genetics, TURKEY, 4Gazi University, Internal Medicine, Kahramanmaras, TURKEY, 5Saglik Unversite Universitesi, Internal Medicine, Kahramanmaras, TURKEY, 6Baskent University, Internal Medicine, Adana, TURKEY, 7Saglik Hypertension Unit, TURKEY.

MANAGEMENT OF DIVERGENT ION METABOLISM AND HYPERPARATHYROIDISM IN PREDIALYSIS AND DIALYSIS CKD PATIENTS
Sunita Prakash, Anindya Biswas, Divyesh P., Dr, Amit K. Yadav, Jaydev Kumhar, Poonam Tiwari, Dulee C. Yadav, Ashwini Goel, Blk Superspeciality Hosp, Nephrology, New Delhi, INDIA.

SOLUBLE KLOTHO AND FIBROBLAST GROWTH FACTOR 23 LEVELS IN DIABETIC NEPHROPATHY: RELATIONSHIP WITH ARTERIAL STIFFNESS
Ayça Inci1, Funda Sarı2, Refik Olmaz1, Metin Sarikaya1, Melahat Coban1, 1Antalya Training and Research Hosp, Nephrology, Antalya, TURKEY, 2Akdeniz Univ Fac Medicine, Nephrology, Antalya, TURKEY.

ASSOCIATION OF BONE MINERAL DENSITY WITH FRACTURES ACROSS THE SPECTRUM OF CHRONIC KIDNEY DISEASE: THE PRAIRIE DXA STUDY
Bhanu Prasad1, Jennifer St.Onge2, Nan Tangri3, 1Regina Qu Appelle Health Region, Nephrology, Regina, SK, CANADA, 2Regina Qu’ Appelle Health Region, Research and Performance Support, Regina, SK, CANADA, 3Seven Oaks Hosp, Nephrology, Winnipeg, MB, CANADA.
MP390
PHOSPHATE CONTAINING PRESCRIPTION MEDICATIONS CONTRIBUTE TO THE DAILY PHOSPHATE INTAKE IN A THIRD OF HEMODIALYSIS PATIENTS
Seana Nelson1, Samantha Sarabia2, Erin Christilaw1, Emilie Ward2, Stephanie Lynch3, Michael A. Adams2, Rachel M. Holden1, 1Queen’s Univ, Medicine, Kingston, ON, CANADA, 2Queen’s Univ, Biomedical and Molecular Science, Kingston, ON, CANADA, 3Kingston General Hosp, Pharmacy, Kingston, ON, CANADA.

MP391
ARE MEDICINAL PRODUCTS A RELEVANT SOURCE OF HIDDEN EXTRA-PHOSPHATE LOAD IN CKD PATIENTS?
Adamasco Cupisti1, Diego Moriconi1, Francesco Verde1, Michele Marchini1, Claudia D’Alessandro1, Alessandro Saba2, Maria F. Egidi1, 1Univ Pisa, Clinical and Experimental Medicine, Pisa, ITALY, 2Univ Pisa, Surgery Dept Surgical, Medical, Molecular Pathology and Critical Area, Pisa, ITALY.

MP392
IMPACT OF HYPERPHOSPHATEMIA CORRECTIVE THERAPY ON CARDIOVASCULAR RISK MARKER - FGF-23 IN CHRONIC KIDNEY DISEASE PATIENTS.
Yuriy Milovanov1, Anna Dudareva2, Ludmila Milovanova2, Lidia Kozlovskaya2, Nikolay Mukhin2, Marina Lebedeva2, I.M.Sechenov First Moscow State Medical Univ, Dept Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION, 2Internal, Occupational Diseases and Pulmonology, Moscow, RUSSIAN FEDERATION.

MP393
RENA L SPECIFIC RISK FACTORS ASSOCIATED WITH DECREASED BONE MINERAL DENSITY IN OLD AGED PATIENTS WITH PRE DIALYSIS CHRONIC KIDNEY DISEASE.
Seon Ha Baek1, Shinyoung Ahn1, Sung Woo Lee1, Mi-Yeon Yu1, Sejoong Kim1, Ki Yuong Na1, Dong-Wan Chae1, Curie Ahn2, 1Seoul National Univ Bundang Hosp, Internal Medicine, Seongnam, KOREA, 2Seoul National Univ Hosp, Internal Medicine, Seoul, KOREA.

MP394
BONE DISORDERS SECONDARY TO CKD IN DIABETIC AND HYPERTENSIVE PATIENTS.
Zara Nisar, Khyber Teaching Hosp, Nephrology, Peshawar, PAKISTAN.

MP395
THE RESULTS OF NONINVASIVE BONE MINERAL DENSITY STUDIES IN CHILDREN AND ADULTS WITH END-STAGE RENAL FAILURE ON HEMODIALYSIS
Abay Shepetov1, Gulnar Chingayeva1, Bibigul Abeuova2, Yerkebulan Karibayev1, Makpal Kulkayeva1, Karlygash Bayakov1, Meyramgul Ohanova1, 1Kazakh National Medical Univ named after S.D. Asfendiyarov, Nephrology Dept, Almaty, KAZAKHSTAN, 2Karaganda State Medical Univ, Pediatrics Dept, Karaganda, KAZAKHSTAN.

MP396
VASCULAR CALCIFICATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGES 4, 5 AND 5D: RECAVAS STUDY.
Jose Luis Gorriz1, Pablo Molina1, Veronica Escudero1, Sandra Baltran1, Mª Dolores Del Pino2, Mercedes Salgueira3, Cristina Castro1, Jonay Pantoja1, Mercedes Gonzalez-Moya1, Luis Pallardo1, 1Hosp Univ Dr Peset, Nephrology, Valencia, SPAIN, 2Hosp Torrecardenas, Nephrology, Almeria, SPAIN, 3Unidad Nefro Intercentro y Urol HVR, Nephrology, Sevilla, SPAIN.
CHRONIC KIDNEY DISEASE. REHABILITATION

**MP397**
SKELETAL MUSCLE QUALITY AS MEASURED BY ECHO INTENSITY CONTRIBUTES TO THE LOSS OF MUSCLE STRENGTH AND FUNCTION IN PATIENTS WITH NON-DIALYSIS CKD
Douglas W. Gould1, Emma L. Watson1, Sotiris Xenophontos1, Barbara P. Vogt1, João L. Viana2, Thomas J. Wilkinson1, Alice C. Smith1, 1Univ Leicester, Leicester Kidney Exercise Team, Dept Infection, Immunity and Inflammation, Leicester, UK, 2Univ Inst Maia, Research Center in Sports Sciences, Health Sciences and Human Development, Maia, PORTUGAL.

**MP398**
THE EFFECTS OF AQUATIC EXERCISE ON FUNCTIONAL CAPACITY AND HEALTH-RELATED QUALITY OF LIFE IN HEMODIALYSIS PATIENTS
Anastasia Samara1, Evangelia Koudii1, Konstantinos Fountoulakis2, Serafeim Alexiou1, Asterios Deligiannis1, 1Fac Physical Education and Sports Science, Lab Sports Medicine, Thessaloniki, GREECE, 2Fac Health Science, School Medicine, Thessaloniki, GREECE.

**MP399**
PHYSIOLOGICAL MECHANISMS OF REDUCED MAXIMAL AEROBIC CAPACITY IN ASYMPTOMATIC CHRONIC KIDNEY DISEASE PATIENTS
Shanmugakumar Chinnappa1, Meguid El Nahas2, Andrew Mooney3, 1Univ Leeds, Nephrology, Leeds, UK, 2Univ Sheffield, Nephrology, Sheffield, UK, 3Leeds Teaching Hosp NHS Trust, Nephrology, Leeds, UK.

**MP400**
RFID-BASED AUTOMATIC SCORING SYSTEM FOR 6-MIN WALK TESTING IN CKD PATIENTS
Mariusz Kusztal1, Przemyslaw Musz2, Zanna Fiodorenko-Dumas3, Tomasz GoLbiowski1, Ilias Dumas3, Marian Klinger1, 1Wrocław Medical Univ, Nephrology and Transplantation Medicine, WrocLaw, POLAND, 2Engineer, IT specialist, WrocLaw, POLAND, 3Wrocław Medical Univ, Physiotherapy, WrocLaw, POLAND.

**MP401**
DIFFERENTIAL MICRORNA EXPRESSION IN SKELETAL MUSCLE OF HUMAN CKD PATIENTS AND HEALTHY CONTROLS
Emma Watson1, Nicolas B. Sylvius2, Joao J. Viana3, Neil Greening4, Jonathan Barratt4, Alice Smith4, 1Univ Leicester, III, 2Univ Leicester, Centre Core Biotechnology Services, Dept Genetics, Leicester, UK, 3Univ Inst Maia (ISMAI), Health and Human Development (CIDESD), PortP, UK, 4Univ Leicester, Leicester Kidney Exercise Team, Leicester, UK.

**MP402**
IMPROVEMENT OF PHYSICAL DECLINE THROUGH COMBINED EFFECTS OF MUSCLE ENHANCEMENT AND MITOCHONDRIAL ACTIVATION BY A GASTRIC HORMONE GHRELIN IN MALE 5/6NX CKD MODEL MICE
Masanori Tamaki1,2, Aika Hagiwara1, Kazutoshi Miyashita1, Shu Wakin1, Kentaro Fujii1, Chikako Fujii1, Sho Endo1, Asuka Uto1, Masaaki Sato1, Hiroshi Ito1, 1School Medicine, Keio Univ, Dept Internal Medicine, Tokyo, JAPAN, 2Tokushima Univ Hosp, Dept Nephrology, Tokushima, JAPAN.

**MP403**
LOWER-Limb MUSCLE MASS IS A SURROGATE INDEX OF WALKING ABILITY OF PRESENT AND IN FUTURE IN HEMODIALYSIS PATIENTS
Nobuhiko Togashi1, Kouhei Ohno1, Tomohisa Yamashita1, Hideaki Yoshida1, Akinori Takada2, Yoshihito Ohnoma2, Tohru Hasegawa2, Akihito Tsuchida2, Toshiaki Endo2, Toshiaki Ando2, 1JR Sapporo Hosp, Nephrology, Sapporo, JAPAN, 2JR Sapporo Hosp, Cardiology, Sapporo, JAPAN.

**MP404**
KIDNEY TRANSPLANT ATHLETES: USING PATIENT INVOLVEMENT TO IDENTIFY RESEARCH PRIORITIES
Amy L. Clarke1, Jill Neale1, Nicolette Bishop2, Hannah M. L. Young1, Alice C. Smith1, 1Univ Leicester, Leicester Kidney Exercise Team Dept Infection, Immunity and Inflammation, Leicester, UK, 2Loughborough Univ, School Sports, Exercise and Health Sciences, Loughborough, UK.

**MP405**
ETHNIC DIFFERENCES IN ACTIVITY STATUS, FUNCTIONAL CAPACITY AND CARDIOVASCULAR RISK FACTORS IN RENAL TRANSPLANT PATIENTS
Natalie F. Shur, Danielle Richler-Potts, Laetitia H. Lloyd-Davies, Jill Neale, Amy L. Clarke, Stephanie A. Brown, James O. Burton, Alice C. Smith, Univ Hosp Leicester, Leicester Kidney Exercise Team, Leicester, UK.
Posters

MP406
CHANGE IN PHYSICAL ACTIVITY AND RISK OF ALL-CAUSE MORTALITY IN MAINTENANCE HEMODIALYSIS PATIENTS
Takahiro Shimoda1, Atsuhiko Matsunaga, Ryota Matsuzawa2, Yoshifumi Abe, Kei Yoneki, Manae Harada, Ryoma Ishikawa, Takaaki Watanabe, Mika Matsumoto, Atsushi Yoshida3, 1Kitasato Univ Graduate School Medical Sciences, Master’s Course, Kanagawa, JAPAN, 2Dept Rehabilitation, Kitasato Univ Hosp, Sagamihara, Kanagawa, JAPAN, 3Hemodialysis Center, Sagami Junkanki Clinic, Sagamihara, Kanagawa, JAPAN.

MP407
HIGH-INTENSITY EXERCISE DID NOT ADVERSELY AFFECT STABLE PATIENTS WITH IGA NEPHROPATHY AFTER THE INITIAL TREATMENT.
Tatsuyuki Inoue, Hitoshi Sugiyama, Sang Yizhen, Masashi Kitagawa, Jun Wada, Okayama Univ Graduate School Medicine, Dentistry and Pharmaceutical Sciences, Dept Nephrology, Rheumatology, Endocrinology and Metabolism, Okayama, JAPAN.

MP408
THE ROLE OF PHOSPHORYLATION EVENTS IN REGULATION OF THE CACHEXIA MEDIATOR SODIUM-COPLED NEUTRAL AMINO ACID TRANSPORTER (SNAT2) IN L6 RAT SKELETAL MUSCLE CELLS

MP409
DEVELOPMENT OF A SELF-DIRECTED PROGRAMME TO INCREASE PHYSICAL ACTIVITY IN CHRONIC KIDNEY DISEASE
Heather J. MacKinnon1,2, Amy L. Clarke1,2, Sally J. Singh3, Alice C. Smith1,2, 1Univ Leicester, Infection, Immunity and Inflammation, Leicester, UK, 2Univ Hosp Leicester, Leicester Kidney Exercise Team, Leicester, UK, 3Glenfield Hosp, Cardiac and Pulmonary Rehabilitation, Leicester, UK.

MP410
A DECREASE OF THE ANKLE-BRACHIAL PRESSURE INDEX (ABI) IS THE IMPORTANT RISK FACTORS FOR MORTALITY IN LONG-TERM DIALYSIS PATIENTS
Takayuki Abe1,2, Shigeru Otsubo3,2, Naoki Kimata4,1, Tomoki Okajima1, Yumi Otani1, Jun Murakami1, Iwakazu Kaneko1, Naoko Miwa4, Michio Mineshima1, Ken Tsuchiya2, Takashi Akiba5, Kosaku Nitta2, 1Tokyo Women’s Medical Univ, Dept Clinical Engineering, Tokyo, JAPAN, 2Tokyo Women’s Medical Univ, Dept Medicine, Kidney Center, Tokyo, JAPAN, 3Sangenjaya Hosp, Dept Blood Purification, Hokkaido, JAPAN, 4Tokyo Women’s Medical Univ, Dept Blood Purification, Kidney Center, Tokyo, JAPAN, 5Sekikawa Hosp, Director, Tokyo, JAPAN.

MP411
PROGNOSTIC SIGNIFICANCE OF CARDIOPULMONARY EXERCISE TEST (SPIROERGOMETRY) AND 6 MINUTE WALK TEST IN CHRONIC DIALYSIS PATIENTS
Wioletta Dziubek1, Mariusz Kusztal2, Katarzyna Bulińska1, Bartosz Ochmann3, Łukasz Rogowskik4, Tomasz Gołębiewski2, Dominika Markowska1, Agnieszka Zembruś-Lacny5, Marián Klenger2, Marek Woźniowski1, 1Univ School Physical Education, Physiotherapy, Wrocław, POLAND, 2Wrocław Medical Univ, Nephrology and Transplantation Medicine, Wrocław, POLAND, 3Univ School Physical Education, Physical Education, Wrocław, POLAND, 4Non-Public Medical College Wrocław, Wrocław, POLAND, 5Univ Zielona Góra, Physical Education, Zielona Góra, POLAND.

MP412
THE "PERSON-BASED APPROACH" TO DEVELOPING A STRUCTURED GROUP EDUCATION PROGRAMME TO INCREASE PHYSICAL ACTIVITY IN CKD: THE PACT-PROJECT
Amy L. Clarke1, Heather J. MacKinnon1, Thomas Yates2, Alice C. Smith1, 1Univ Leicester, Diabetes Research Centre, College Medicine, Biological Sciences and Psychology, Leicester, UK.

MP413
CARNITINE ADMINISTRATION PREVENTS THE PROGRESS OF ARTERIOSCLEROSIS BY REDUCING ADVANCED GLYCATION END PRODUCTS IN NON-DIABETIC MAINTENANCE HEMODIALYSIS PATIENTS
Yumi Kamada1,2, Takashi Masuda2, Takeshi Nakamura2, Kanae Yabu2, Shinya Tanaka2, Joichi Yamazaki2, Nobuki Hamazaki2, Akihiro Aoyama2, Yoko Itoh1, Ibuki Moriguchi1, Naoyuki Kobayashi1, Michihito Okubo1, Kazuhiko Kotani3, Kazuhiro Takeuch1, Shokichi Naito4, Yasuo Takeuch1, Ishobudai Nieren Clinic, Dialysis, Zama, JAPAN, 2Kitasato Univ Graduate School Medicine, Dept Angiolog and Cardiology, Sagamihara, JAPAN, 3ichii Medical Univ, Div Community and Family Medicine, Tochigi, JAPAN, 4Kitasato Univ School Medicine, Div Nephrology, Dept Internal Medicine, Sagamihara, JAPAN.
Posters

MP414
COMPARISON OF INTRADIALYTIC VERSUS HOME-BASED EXERCISE PROGRAMMES ON PHYSICAL FUNCTION, PHYSICAL LEVEL AND HEALTH RELATED QUALITY OF LIFE
Lucía Ortega Pérez de Villar1, Borja Pérez Domínguez1, Javier Martínez Gramage1, Mª Jesús Lidón Pérez2, Sara Antoli García1, Andrea Bono Sala1, Francisco Palomo Peña1, Pablo Molina Vila2, Eva Segura Ortí1, 1CEU Cardenal Herrera Univ, Physical Therapy, Valencia, SPAIN, 2Hosp Univ Dr Peset, Nephrology, Valencia, SPAIN.

MP415
IMPLEMENTING AN EXERCISE PROGRAM INTO THE ROUTINE CARE OF OUTPATIENT DIALYSIS PATIENTS
Dan Hristea1, Thibault Deschamps2, 1ECHO Nantes, Dialysis, Nantes, FRANCE, 2Univ Nantes, Lab Mouvement, Interactions, Performance, Nantes, FRANCE.

MP416
DETERMINANTS OF THIRST DISTRESS IN TURKISH PATIENTS ON HAEMODIALYSIS
Belguzar Kara, Gulhane Military Medical Academy, Dept Internal Medicine Nursing, School Nursing, Ankara, TURKEY.
DIABETES. BASIC RESEARCH - 2

MP417
EFFECT OF ACE2 DELETION ON RENAL FUNCTION AND STRUCTURE IN NON-OBESE DIABETIC (NOD) MICE
Heleia Roca-Ho1, Vanesa Palaú1, Marta Riera1, Marta Rebull1, Javier Gimeno2, Julio Pascual1, Marta José Soler1, 1Hosp del Mar-Inst Hosp del Mar Investigacions Mèdiques, Nephrology, Barcelona, SPAIN, 2Hosp del Mar-Inst Hosp del Mar Investigacions Mèdiques, Pathology, Barcelona, SPAIN.

MP418
THE ROLE OF LOCALLY ACTIVATED RENIN-ANGIOTENSIN SYSTEM FOR THE MRP8/TLR4 SIGNALING IN DIABETIC NEPHROPATHY
Takashige Kuwabara1, Shuro Umemoto1, Hirotaka Imamaki2, Manabu Hayata1, Yutaka Kakizoe1, Yuichiro Izumi1, Masashi Mukoyama1, 1Kumamoto Univ Graduate School Medical Sciences, Nephrology, Kumamoto, JAPAN, 2Kyoto Univ Graduate School Medicine, Nephrology, Kyoto, JAPAN.

MP419
ROLE OF HEPATOCYTE NUCLEAR FACTOR-5 IN HIGH GLUCOSE-INDUCED AUGMENTATION OF PROXIMAL TUBULAR ANGIOTENSINÖGEN
Akira Nishiyama, Hiroyuki Kobori, Yuki Shibayama, Juan Wang, Kagawa Univ Medical School, Dept Pharmacology, Kagawa, JAPAN.

MP420
OXIDATIVE AND NITROSATIVE STRESS IN CARDIO-RENAL AXIS OF DIABETIC RATS SUBMITTED TO AEROBIC TRAINING
Marcella P. Peterneli, Adelson M. Rodrigues, Deyse L. Yorgos, Thamires O. Fernandes, Margaret G. Mouro, Elisa M. Higa, UNIFESP, Medicine, Sao Paulo, BRAZIL.

MP421
MRNA EXPRESSION OF GLUCOSE TRANSPORTERS SGLT2 AND GLUT2 IN HUMAN PROXIMAL TUBULAR CELLS: EFFECTS OF TGF-β1 AND IL-1β
Markus Pirklbauer, Rita Sarközi, Ramona Schupart, Ulrike Corazza, Bernhard Scharnowsky, Johannes Leierer, Gert Mayer, Herbert Schramek, Medical Univ Innsbruck, Internal Medicine IV, Innsbruck, AUSTRIA.

MP422
INTERLEUKIN-1β MEDIATES HIGH GLUCOSE-INDUCED PHENOTYPIC TRANSITION IN HUMAN AORTIC ENDOTHELIAL CELLS
DongDong Zhu1, RiNing Tang2, LinLi Lv2, Yi Wen2, Hong Liu2, XiaoLiang Zhang2, KunLing Ma2, BiCheng Liu2, 1Inst Nephrology, Zhongda Hosp, Southeast Univ, Nanjing, Nanjing, CHINA, 2Inst Nephrology, Zhongda Hosp, Southeast Univ School Medicine, Nanjing, Nanjing, CHINA.

MP423
THE EFFECT OF ADENOSINE TYPE 1 RECEPTOR IN THE RELATIONSHIP BETWEEN MEGALIN AND ALBUMINOTRIA IN DIABETIC NEPHROPATHY
Dongli Tian1, Xiaoyan Peng1, Jing Wang1, Haiyun Wang1, Faulhaber-Walter Robert2, Limeng Chen1, 1Chinese Academy Medical Science & Peking Union Medical College Hosp, Nephrology Dept, Beijing, CHINA, 2Bernward Hosp, Nephrology Dept, Hildesheim, GERMANY.

MP424
THE PROTECTIVE EFFECT OF ERYTHROPOIETIN ON HIGH GLUCOSE STIMULATED ENDOTHELIAL CELL
Yasunori Iwata, Akinori Har, Kenogo Furuichi, Takashi Wada, Kanazawa Univ, Nephrology, Kanazawa, Ishikawa, JAPAN.

MP425
ASSOCIATION OF VISFATIN WITH INFLAMMATORY AND FIBROTIC MARKERS IN TYPE 2 DIABETIC PATIENTS WITH NEPHROPATHY
Ivan Topchii, Polina Semenovych, Valentina Galchiskaya, Yulia Yakimenko, SI Inst Therapy named after L.T. Malaya of NAMS Ukraine, Nephrology Dept, Kharkiv, UKRAINE.

MP426
THE EFFECT OF GLUCAGON-LIKE-PEPTIDE-1 AND VITAMIN D ON JAK-STAT PATHWAY IN DBDB MICE AND IN ENDOTELIAL CELLS EXPOSED TO A DIABETIC LIKE ENVIRONMENT
Tali Zitman-Gal1, Nora Plotkin1,2, Meital Ohana1, Yael Einbinder1,2, Sydney Benchetrit1,2, 1Meir Medical Center, Nephrology and Hypertension, Kfar Saba, ISRAEL, 2Tel Aviv Univ, Sackler Fac Medicine, Tel Aviv, ISRAEL.
**Diabetes, Clinical Studies - 2**

**MP427**
BASELINE DATA FROM THE MULTINATIONAL PROSPECTIVE COHORT STUDY FOR VALIDATION OF BIO-MARKERS (PROVALID)
Gert Mayer1, Susanne Eder1, Lazo Rosival2, Peter Voros3, Hiddo Lambers Heerspink4, Dick de Zeeuw4, Beata Czerwińska5, Andrzej Więcek5, Dianne Hillyard6, Patrick Mark6, Georg Heinze7, Peter Rossing8, 1Medical Univ Innsbruck, Internal Medicine IV, Innsbruck, AUSTRIA, 2Semmelweis Univ, Internal Medicine, Budapest, HUNGARY, 3Medical University of Lodz, Pharmacology and Biometry, Lodz, POLAND, 4Univ of Groningen, Dept of Medicine, Groningen, NETHERLANDS, 5University of Silesia, Internal Medicine, Katowice, POLAND, 6Glasgow Univ, Dept of Medical Biosciences, Glasgow, UK, 7Medical Univ Vienna, Department of Internal Medicine, Vienna, AUSTRIA, 8STENO Diabetes Center, University of Copenhagen, Denmark.

**MP428**
ASSOCIATION BETWEEN MORTALITY AND GLYCAEMIC CONTROL IN A LARGE SWISS HAEMODIALYSIS COHORT

**MP429**
LEVELS OF SERUM ANGIOTENSIN-CONVERTING ENZYME TYPE 2 (ACE2) ARE ASSOCIATED WITH INCREASED INSULIN RESISTANCE INDEPENDENTLY OF ALBUMINURIA IN TYPE 2 DIABETES
Ana Chacon1, Maria Jose Soler2, Javier Escalada1, Marta Riera2, Jose Maria Mora3, Nuria Garcia-Fernandez3, 1Univ Navarra, Endocrinology, Pamplona, SPAIN, 2Hosp del Mar, Nephrology, Barcelona, SPAIN, 3Univ Navarra, Nephrology, Pamplona, SPAIN.

**MP430**
TYPE 2 DIABETIC PATIENTS WITH NON ALBUMINURIC KIDNEY DISEASE HAVE SLOWER GFR DECLINE - AN OBSERVATIONAL, 24-MONTH PROSPECTIVE COHORT STUDY.
Ivo Laranjinha, Hosp Santa Cruz, Nephrology Dept, Lisbon, PORTUGAL.

**MP431**
CLINICAL SIGNIFICANCE OF URINARY MARKERS OF PODOCYTES DAMAGE IN PATIENTS WITH DIABETES MELLITUS (DM)
Schukina A.1, Bobkova I.1, Shestakova M.2, Villkova O.2, Zuraeva Z.2, Mikhaleva O.2, 11.M. Sechenov First Moscow State Medical Univ, Nephrology and Hemodialysis, Moscow, RUSSIAN FEDERATION, 2Endocrinological Research Center, Diabetology, Moscow, RUSSIAN FEDERATION.

**MP432**
PREVALENCE OF NEW ONSET DIABETES AND PITFALL IN USING HBA1C OR GLYCOALBUMIN FOR DIAGNOSIS OF DIABETES MELLITUS IN MAINTENANCE HAEMODIALYSIS PATIENTS.
Hideaki Shima1, Tatsuhiko Morii1, Satoko Tamura2, Hisashi Imbe3, Yukimasa Ooi1, Mikio Okamura4, Nobukazu Ishii-aka5, Toshiaki Hanafusa3, 1Osaka Medical College, Internal Medicine Div Nephrology, Takatsuki, JAPAN, 2Ohno Memorial Hosp, Nutrition, Osaka, JAPAN, 3Osaka Medical College, Internal Medicine Div Diabetology, Osaka, JAPAN, 4Ohno Memorial Hosp, Internal Medicine Div Nephrology, Osaka, JAPAN, 5Osaka Medical College, Internal Medicine Div Cardiology, Takatsuki, JAPAN.

**MP433**
ANGELS AND DEMONS REGARDING CARDIOVASCULAR DISEASE IN DIABETIC RENAL PATIENTS: THE ROLE OF FGF-23 AND KLOTHO ON THE PULSE PRESSURE
Ana Paula Silva1,2, Filipa Mendes1, Andre Fragoso1, Nelio Santos3, Fatima Rato3, Marília Faisca4, Pedro Leao Neves1, 1CH Algarve, Nephrology, Faro, PORTUGAL, 2Faro, PORTUGAL, 3Univ Algarve, Dep Ciências Biomédicas e Medicina, Faro, PORTUGAL, 4Gnóstica, Lab, Faro, PORTUGAL.

**MP434**
CLINICAL CHARACTERISTICS AND BODY FLUID STATUS OF CHRONIC HAEMODIALYSIS PATIENTS WITH OR WITHOUT DIABETES: FINDINGS FROM LUNG COMET STUDY
Taku Inoue1, Morikuni Nishihira2, Naoko Nagayoshi3, Kiyoyuki Tokuyama3, Saori Chinen3, Kunihiro Shimoji2, Toru Hanashiro2, Kiyoitetsu Nagayama2, Masato Orokui2, Yoshiki Shiho2, Kunitoshi Isok1, Nambu Hosp, Cardiovascular Medicine, Itoman, JAPAN, 2Tomishiro Central Hosp, Dept Nephrology, Tomigusuku, JAPAN, 3Tokuyama Clinic, Internal Medicine, Urasoe, JAPAN, 4Tomishiro Central Hosp, Clinical Research Support Center, Tomigusuku, JAPAN.
MP435
SILYMARIN IN TYPE 2 DIABETES MELLITUS A SYSTEMATIC REVIEW AND META ANALYSIS
Luminita Voroneanu, Ionut Nistor, Raluca Dumea, Mugurel Apetrii, Simona Hogas, Dimitrie Siriopol, Adrian Covic, Nephrology Clinic, Dialysis and Renal Transplant Center, C.I. Parhon Univ Hosp, Gr. T. Popa Univ Medicine and Pharmacology, Nephrology, Iasi, ROMANIA.

MP436
ANTI PHOSPHOLIPASE A2 RECEPTOR ANTIBODIES IN DIABETIC PATIENTS WITH PROTEINURIA
Sibel Gulcicek1, Banu Erkalma Senates2, Serkan Feyyaz Yalin2, Sinan Trabulus2, Sennur Kose1, Mehmet Riza Altiparmak2, Nurhan Seyahi1, Istanbul Training and Research Hosp, Nephrology, Istanbul, TURKEY, 2Istanbul Univ Cerrahpasa Medical Fac, Nephrology, Istanbul, TURKEY.

MP437
RELATION BETWEEN RESISTIVITY AND PULSATILITY INDICES OF RENAL AND INTRARENAL ARTERIES AND DEGREE OF ALBUMINUREA IN TYPE 2 DIABETIC PATIENTS
Yasser M. Abdelhamid1, Marie W. Fawzy2, Yousra M. Gouda1, Randa Faye3, Mona M. Abd Al-Rahman3, 1Fac Medicine-Cairo Univ, Internal Medicine Dept, Nephrology Div, Cairo, EGYPT, 2Fac Medicine-Cairo Univ, Internal Medicine Dept, Vascular Medicine Div, Cairo, EGYPT, 3Fac Medicine-Cairo Univ, Internal Medicine Dept, Endocrinology Div, Cairo, EGYPT.

MP438
EFFECTS OF FERRIC CITRATE HYDRATE IN HEMODIALYSIS PATIENTS
Mizuho Wada1, Kazunori Yamada2, Toru Shibata1, Minoru Kaneko1, Hiroshi Fujii2, Remon Otaka3, Akira Junicho3, Masatsune Hasegawa3, Mitsuhiro Kawano2, Toru Hasegawa3, 1Hasegawa Hosp, Dept Clinical Engineering, Toyama, JAPAN, 2Kanazawa Univ Hosp, Div Rheumatology, Kanazawa, JAPAN, 3Hasegawa Hosp, Dept Urology, Toyama, JAPAN.

MP439
CLINICAL CORRELATES OF SERUM INTERLEUKIN-6 LEVEL IN OBESE AND NON-OBESE PATIENTS WITH EARLY STAGES OF DIABETIC NEPHROPATHY
Ivan Pchelin, Alexander Shishkin, Tatiana Kulibaba, St. Petersburg State Univ, Dept Fac Therapy, St. Petersburg, RUSSIAN FEDERATION.

MP440
MEMBRANOUS GLOMERULONEPHRITIS IN PATIENTS WITH TYPE 2 DIABETES
Ikram Mami1, Amel Harzallah1, Hayet Kaaroud1, Imen Ghorsane1, Raja Aoudia1, Rym Goucha2, Fethi Ben Hmid2, Samia Barbouch1, Taieb Ben Abdallah1, 1Charles Nicolle Hosp, Medicine A, Tunis, TUNISIA, 2Charles Nicolle Hosp, Lab Renal Pathology LR00SP01, Tunis, TUNISIA.

MP441
THE INCREASED PLASMA ANGIOPOIETIN-2 AND MCP-1 IN ASIAN PATIENTS WITH DIABETIC CHRONIC KIDNEY DISEASE
Jong Hwan Jung, Woong Park, Tung Nguyen-Thanh, Sung Kwang Park, Won Kim, Biomedical Research Inst Chonbuk National Univ Hosp, Research Inst Clinical Medicine, Jeonju, KOREA.

MP442
MICROALBUMINURIA AS A MAJOR CARDIOVASCULAR RISK FACTOR IN TYPE 2 DIABETES
Ergita Nelaj, Margarita Gjata, Mihal Tase, Univ Hosp Center, Dept Internal Medicine, Tirana, ALBANIA.

MP443
RENIN-ANGIOTENSIN SYSTEM BLOCKADE IN PATIENTS WITH ADVANCED DIABETIC KIDNEY DISEASE
Sheila Bermejo, Carles Oriol Garcia, Carla Cristina Burballa, Eva Rodriguez, Clara Barrios, Julio Pascual, Maria Jose Soler, Hosp del Mar, Nephrology, Barcelona, SPAIN.

MP444
TREATMENT WITH A GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONIST EXENATIDE DECREASES ALBUMINURIA IN OVERWEIGHT TYPE 2 DIABETIC PATIENTS
Tomislav Bulum1, Ingrid PrkaCin2, Lea Duvnjak1, 1Univ Hosp Merkur, Vuk Vrhovac Clinic Diabetes, Endocrinology and Metabolic Diseases, Zagreb, CROATIA, 2Univ Hosp Merkur, Dept Internal Medicine, Zagreb, CROATIA.

MP445
BLADDER CANCER AND METABOLIC SYNDROME
Emrah Yakut, Nigde State Hosp, Urology, Nigde, TURKEY.
DIALYSIS. EXTRACORPOREAL DIALYSIS: TECHNIQUES AND ADEQUACY - 2

MP446
EFFICIENT REMOVAL OF POLYCLONAL FREE LIGHT CHAINS (FLC) BY HEMODIALYSIS USING MEDIUM CUT-OFF MEMBRANES: IN VITRO AND IN VIVO STUDIES
Markus Storr1, Adriana Boschetti-de-Fierro1, Bernd Krause1, Michael Hulko1, Ken Leyboldt2, Matthias Girndt3, Roman Fiedler3, Daniel Zickler4, Ralf Schindler4, Gambro Dialysatoren GmbH, Research and Development, Hechingen, GERMANY, 2Baxter Healthcare Corporation, Renal, Deerfield, IL, 3Martin-Luther-Univ Halle, Dept Internal Medicine II, Halle, GERMANY, 4Charité Univ Medicine, Dept Nephrology and Internal Intensive Care Medicine, Berlin, GERMANY.

MP447
EXTRACORPOREAL ULTRAFILTRATION THERAPY IS AN EFFICIENT AND SAFE OPTION FOR PATIENTS WITH ACUTE HEART FAILURE AND VOLUME OVERLOAD: A META ANALYSIS
Ankur Jain1, Nikhil Agrawal1, Amir Kazory2, 1Univ Florida, Dept Internal Medicine, Gainesville, FL, 2Univ Florida, Dept Nephrology and Hypertension, Gainesville, FL.

MP448
THE EFFECT OF KT/V ON POST DIALYSIS UREA REBOUND IN HEMODIALYSIS AND HEMODIAFILTRATION
Ruth Tomson1, Ivo Fridolin1, Merike Luman2, Jana Holmar1, Tallinn Univ Technology, Dept Biomedical Engineering, Tallinn, ESTONIA, 2North Estonia Medical Centre, Centre Nephrology, Tallinn, ESTONIA.

MP449
ACUTE DIALYZER REACTIONS IN THE CURRENT ERA: A CASE HISTORY, LITERATURE REVIEW AND MANAGEMENT STRATEGY
Walther H. Boerl1, Ylian Liem2, Esther de Beus1, Alferso C. Abrahams1, 1Univ Medical Center Utrecht, Nephrology & Hypertension, Utrecht, NETHERLANDS, 2Helse Møre og Romsdal - Ålesund Sykehus, Dept Medicine, Section Nephrology, Ålesund, NORWAY.

MP450
PLASMA EXCHANGE AND IMMUNOADSORPTION IN NEUROLOGICAL DISEASES. WHAT ABOUT THE DOSE FOR APHERESIS?
Carina Allmendinger1, Jan Bürmann2, Solmaz Thime2, Danilo Fiser2, Matthias Klingele3, 1Saarland Univ Medical Centre, Dept Internal Medicine, Nephrology and Hypertension, Homburg/Saar, GERMANY, 2Saarland Univ Medical Centre, Dept Neurology, Homburg/Saar, GERMANY, 3Hochtaunus-Kliniken, Medizinische Klinik, Usingen, GERMANY.

MP451
BIOIMPEDANCE GUIDED DRY WEIGHT IN HEMODIALYSIS PATIENTS - COMPARISON OF METHODS
Eric Seibert1, Daniel Greinert1, Otgontogoo Dorligjav1, Stephan Mueller1, Johanna Pattmüller1, Peter Kotanko2, Nathan W. Levin2, Matthias Girndt1, Roman Fiedler1, Martin-Luther Univ Halle-Wittenberg, Internal Medicine II, Halle (Saale), GERMANY, 2Renal Research Inst, Research, New York, NY.

MP452
COMPLICATIONS OF THERAPEUTIC PLASMA EXCHANGE: 33 YEARS OF SINGLE CENTER EXPERIENCE
Bruna Brunetta Gavranić, Nikola Bašić-Jukić, Petar Kes, UHC Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA.

MP453
DEPURATIVE EFFICACY AND ALBUMIN LOSS WITH DIFFERENT HIGH FLUX DIALYZERS IN ONLINE HEMODIAFILTRATION
Alba Santos, Nicolás Macías, Almudena Vega, Soraya Abad, Santiago A. Cedeño, Isabel Galan, Tania Linares, Ana García, Juan M. López Gómez, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

MP454
THE EFFECTIVENESS OF INTRADIALYTIC HYPOTENSION
Igor L. Kuchma, Alexander's Clinical Hosp Kiev, Nephrology and Dialysis, Kiev, UKRAINE.

MP455
ASSESSMENT OF THE SAFETY, EFFICACY AND USABILITY OF THE QUANTA SC+ HAEMODIALYSIS SYSTEM, IN-CENTRE IN 23 PATIENTS DURING 77 DIALYSIS TREATMENTS
Charlotte Bebb1, John E. Milad2, Hardip Nagra2, Peter Hoyer2, Andrew Gardner2, 1Nottingham City Hosp, Renal Unit, Nottingham, UK, 2Quanta Dialysis Technologies, Tything Road, Warwickshire, UK.
MP456
COMPARISON OF THE EFFECTS OF PRE- AND POST-DILUTION ON-LINE HEMODIAFILTRATION ON THE CELL SURFACE AND OTHER INFLAMMATORY MARKERS
Kenji Sakurai1, Takeshi Saito1, Fumi Yamauchi1, Hiromi Hosoya1, Yoshitaka Kurihara1, Kaori Kurosawa1, Sayuri Oh1, Ayumi Suzuki1, Daisuke Ishi1, Akhiro C. Yamashita3, 1Hashimoto Clinic, Dialysis Center, Sagamihara Kanagawa, JAPAN, 2Kitasato Univ Hosp, Urology, Sagamihara Kanagawa, JAPAN, 3Koisho Univ, Chemical Science and Technology, Koganei, JAPAN.

MP457
CAN CONTINUOUS HIGH EFFICIENCY HEMODIAFILTRATION DECREASE FIBROBLAST GROWTH FACTOR-23 LEVELS IN DIALYSIS PATIENTS?
Kenji Sakurai1, Takeshi Saito1, Fumi Yamauchi1, Hiromi Hosoya1, Yoshitaka Kurihara1, Yumi Tanibayashi1, Kenichi Kokubo2, Yasuhisa Wakabayashi3, 1Hashimoto Clinic, Dialysis Center, Sagamihara Kanagawa, JAPAN, 2Kitasato Univ School Allied Health Sciences, Medical Engineering and Technology, Sagamihara Kanagawa, JAPAN, 3Kitasato Inst Hosp, Nephrology, Tokyo, JAPAN.

MP458
DEVELOPMENT OF ESTIMATED CTR (ECTR) - CARDIO-THORACIC RATIO WITHOUT THE INFLUENCE OF INSPiration
Tatsuyoshi Ikenoue1, Takayuki Myose2, Yoshiyuki Furumatsus2, Tetsuya Kitamura2, Shunichi Fukuhara2, 1Kyoto Univ Graduate School Medicine, Dept Healthcare Epidemiology, Kyoto, JAPAN, 2Fujiderakeikai clinic, Dialysis, Fujiidera, JAPAN.

MP459
INTRA-DIALYTIC INTRACRANIAL PRESSURE MONITORING IN A PATIENT WITH IDIOPATHIC INTRACRANIAL HYPERTENSION AND DIALYSIS DISEQUILIBRIUM SYNDROME
Will Cato-Addison1, Roger Strachan1, Jonathan Murray2, Iain Moore2, 1South Tees Hosp NHS Trust, Neurosurgical Unit, Middlesbrough, UK, 2South Tees Hosp NHS Trust, Renal unit, Middlesbrough, UK.

MP460
EFFECT OF CITRATE BASED DIALYSATE ON ANTICOAGULATION IN MAINTENANCE HEMODIALYSIS PATIENTS.
Ioannis Griveas1,2,3, 1 Veterans Army Administration Hosp, Nephrology, Athens, GREECE, 2Athens Nephrology, Private Renal Clinic, Athens, GREECE, 3Dialysis Unit Nefroatriki

MP461
THE IMPACT OF DISPOSABLES TOWARDS MORE ECO-FRIENDLY AND LESS COSTLY HEMODIALYSIS
Andreas Schleser1, Nicole Fleck1, Theoharis Tsiobanelis2, 1KatharinenHosp, Nephrology, Unna, GERMANY, 2Centrum Nieren- und Hochdruckkrankheiten (CfNH), Dialysis, Frankfurt am Main, GERMANY.

MP462
CONVECTIVE THERAPIES VERSUS LOW FLUX HEMODIALYSIS FOR ELDERLY PATIENTS, FOUR YEAR FOLLOW UP
Petar S. Djuric1, Aleksandar Jankovic1, Ana Balatovic1, Jelena Tosic Dragovic1, Milos Mitrovic1, Jovan Popovic1, Zivka Djuric1, Nada Dimkovic1, 1Zvezdara Univ Medical Center, Clinical Dept Renal Diseases, Belgrade, SERBIA, 2Medical Fac, Belgrade Univ, Internal Medicine, Belgrade, SERBIA.

MP463
FGF23 KINETICS AND REMOVAL ON HEMODIAFILTRATION
Valeria Cernaro1, Silvia Lucisano1, Valeria Canale1, Annamaria Bruzzese1, Daniela Caccum2, Giuseppe Costantino1, Michele Buem1, Domenico Santor1, 1Univ Messina, Chair Nephrology, Dept Clinical and Experimental Medicine, Messina, ITALY, 2Univ Messina, Dept Biomedical Sciences and Morphological and Functional Imaging, Messina, ITALY.

MP464
CLINICAL PERFORMANCE OF MEDIUM CUTOFF HEMODIALYSIS VERSUS HIGH-FLOW HEMODIALYSIS AND HIGH-VOLUME HEMODIAFILTRATION
Detlef H. Krieter1, Raphael Lyko1, Andreas Schneider1, Werner Beck2, Lars-Göran Nilsson3, Michael Amdahl4, Alexander R. Rosenkranz5, Alexander Kirsch5, Christoph Wanner1, 1Univ Hosp Würzburg, Nephrology, Würzburg, GERMANY, 2Gambro Dialysatoren GmbH, R&D, Hechingen, GERMANY, 3Gambro Lundia AB, Baxter CSO, Lund, SWEDEN, 4Baxter Healthcare Corporation, Life Sciences & Operations, Deerfield, IL, 5Medical Univ Graz, Nephrology, Graz, AUSTRIA.

MP465
THIAMINE DEFICIENCY: INCREASINGLY LIKELY COMPLICATION OF CHRONIC HIGH-FLOW HEMODIALYSIS
Marita Marengo, Federico Marazzi, Ilaria Serra, Michela Tamagnone, Daniela Falconi, Maurizio Gherzi, Fabio Tatoli, Ornella De Prisco, Marco Formica, S.C. Nefrologia e Dialisi ASLCNI, Dip Medico, Cuneo, ITALY.
Posters

MP466 SUSTAINED LOW EXTENDED DIALYSIS (SLED) WITH TRISODIUM CITRATE 4% IN CANCER PATIENTS
Benedito J. Pereira1,2,3,4, Germana Brito2, Joubert Alves2, Aline Baptista2, Luis A. Silvestre2, Marina H. Imanishi2, UNINOVE, Nephrology, Sao Paulo, BRAZIL, 2AC Camargo Cancer Center, Nephrology, Sao Paulo, BRAZIL, 3HCFMUSP, Nephrology, Sao paulo, BRAZIL, 4IAMSPE, Nephrology, Sao paulo, BRAZIL.

MP467 COST EFFECTIVENESS OF TREATMENT OF MULTIPLE MYELOMA WITH FILTERS HIGH CUT OFF
Rafael Alvarez Lipe, Ana Berni Weenekers, Pilar Martin Azara, Beatriz Bergasa Liberal, Vanesa Guerrero, Patricia Ver-net Perna, Alba Martinez, Univ Hosp Lozano Blesa, Nefrologia, Zaragoza, SPAIN.

MP468 IS THERE A DIFFERENT VOLUME DISTRIBUTION IN DIABETIC HAEMODIALYSIS PATIENTS?
Susanne Kron1, Daniel Schneditz2, Til Leimbach3, Sabine Aign3, Joachim Kron3, 1Charite Universitätsmedizin Berlin, Nephrology, Berlin, GERMANY, 2Medical Univ Graz, Inst Physiology, Graz, AUSTRIA, 3KIHN-Nierenzentrum Berlin- Köpenick, Kidney Centre, Berlin, GERMANY.

MP469 REMOVAL FOR FGF-23 OR FETUIN-A AND RELATIONSHIPS BETWEEN CKD-MBDMARKERS AND PROINFLAMMATORY CYTOKINES IN ON-LINE HDF PATIENTS
Tadashi Tomo1, Kenji Tsuchida2, Jun Minakuchij2, Iolta Univ Hosp, Blood Purification Center, Yufu, JAPAN, 2Kawashima Hosp, Dialysis Center, Tokushima, JAPAN.

MP470 ELUTION OF POLYVINYLPYRROLIDONE AND THE STORAGE PERIOD OF A γ-STERILIZED POLYSULFONE MEMBRANE DIALYZER
Koichi Umimoto, Masahiro Miyata, Yoshimasa Shimamoto, Aki Kamada, Katsunori Tachibana, Osaka Electro-Communication Univ, Dept Biomedical Engineering, Osaka, JAPAN.

MP471 THE COMPARISON OF THE EFFECT ON THE CLINICAL CHARACTERISTICS AND 3-YEAR MORTALITY BETWEEN ON-LINE HDF AND HD WITH HIGH-PERFORMANCE MEMBRANES.
Daisuke Hirose1, Hiyoriuki Michiwicki1, Kenji Tsuchida2, Jun Minakuchij2, I Kawashima Hosp, Clinical Engineering, Tokushima City, JAPAN, 2Kawashima Hosp, Kidney Disease, Tokushima city, JAPAN.

MP472 THE EFFECT OF ALBUMIN LEAKAGE IN PATIENTS UNDERGOING HAEMODIALYSIS AND HAEMODIAFILTERATION ON REDOX STATUS OF SERUM ALBUMIN.
Daisuke Hirose1, Hiyoriuki Michiwicki1, Kenji Tsuchida2, Jun Minakuchij2, 1Kawahshima Hosp, Clinical Engineering, Tokushima city, JAPAN, 2Kawahshima Hosp, Kidney Disease, Tokushima city, JAPAN.

MP473 EXTENDED THRICE-WEEKLY NOCTURNAL HEMODIALYSIS IN CENTER (NINHD) VERSUS CONVENTIONAL HEMODIALYSIS (CHD). A PROSPECTIVE SELF-CONTROLLED STUDY.
Nikos Zoumbaridis, Eleni Intzevidou, Despoina Papadopoulou, Petros Spyropoulos, Christos Kavlakoudis, Antonios Makridis, Chrisovalantis Miliadis, Protypo Nephrologiko Center Pella, Renal Unit, Skydra, GREECE.

MP474 A SIMPLE AND CHEAP WAY TO IMPROVE DIALYSIS ADEQUACY
Javier Reque Santivanzeñ, Alba Diago, Nuria Hidalgo, Laura Sanchez, Raquel Garcia, Rosa Caballero, Diaverum Renal Care, Haemodialysis, Castellón, SPAIN.

MP475 OXALIPLATIN PHARMACOKINETICS ON HEMODIALYSIS IN A PATIENT WITH DIFFUSE LARGE B-CELL LYMPHOMA
Michael S. Balzer1, Hendrik Eggers2, Michael Heuser2, Ansgar Reising1, Arnold Ganser2, Hermann Haller1, Anna Bertram1, 1Hannover Medical School, Div Nephrology and Hypertension, Hannover, GERMANY, 2Hannover Medical School, Div Hematology, Hemostasis, Oncology and Stem Cell Transplantation, Hannover, GERMANY.

MP476 PERFORMANCE OF AN INNOVATIVE, ONE-PUMP SINGLE-NEEDLE HEMODIALYSIS SYSTEM VERSUS A STANDARD TWO-PUMP SINGLE-NEEDLE HEMODIALYSIS SYSTEM
Wolfgang Bieser1, Markus Welsch2, Martin Kelm3, Jörm Meibaum4, Henrik Wolf5, Claudia Barth5, Medizinisches Versorgungszentrum Saarbrücken, Nephrologie, Saarbrücken, GERMANY, 2Medizinisches Versorgungszentrum Saarbrücken, Dialyse, Saarbrücken, GERMANY, 3B. Braun Avitum AG, Medical Scientific Affairs, Melsungen, GERMANY, 4B. Braun Avitum AG, Innovation and Project Management, Melsungen, GERMANY, 5B. Braun Avitum AG, Global Marketing HD Systems, Melsungen, GERMANY.
MP477
OVERHYDRATION (OH) PARAMETER OF FRESENIUS BCM MONITOR DO NOT PROPERLY SHOW INTERDIALYSIS OVERWEIGHT IN HAEMODIALYSIS PATIENTS.
F.J. Borrego-Utiel, M.M. Biechy-Baldan, J.M. Gil-Cunquero, M.J. Garcia-Cortes, M.C. Sanchez-Perales, Complejo Hos Jaen, Servicio Nefrologia, Jaen, SPAIN.

MP478
DRY WEIGHT AND BIOIMPEDANCE: NEW SOLUTIONS TO OLD PROBLEMS - THE RESISTANCE STABILIZATION TEST
Carlo Basile1, Valentina Vigo2, Lucia Di Micco3, Pasquale Liubutti1, Piero Lisi1, Luigi Vernaglione4, Carlo Donadio2, Biagio Di lorio3, Luigi Rossì1, Carlo Lomonte1, Miulli General Hosp, Div Nephrology, Acquaviva delle Fonti, ITALY, 2Univ Pisa, Div Nephrology, Pisa, ITALY, 3Landolfi Hosp, Div Nephrology, Solofra, ITALY, 4Perrino Hosp, Div Nephrology, Brindisi, ITALY.

MP479
MULTIMODE MONITORING OF AGE EXCRETION IN HEMODIALYSIS
Artur Kuznetsov1, Aleksandr Frorip2, Roman P. Gerasimchuk3, Georgi A. Konoplev4, Mai Rosenberg5, Hedi Sinijärv6, Alar Sünter7, Aleksandr M. Vasilevsky4, Aleksander Y. Zemchenkov3, 1AS Ldiamon, Tartu Science Park, R&D, Tartu, ESTONIA, 2AS Ldiamon, Director, Tartu, ESTONIA, 3Mariinsky Hosp, Dialysis Unit, St-Petersburg, RUSSIAN FEDERATION, 4St.Petersburg Technical Unv, Quantum Electronics Chair, St-Petersburg, RUSSIAN FEDERATION, 5Tartu Univ, Internal Medicine, Tartu, ESTONIA, 6Tartu Univ, Inst Chemistry, Tartu, ESTONIA, 7AS Ldiamon, R&D, Tartu, ESTONIA,

MP480
SIMPLE MEASUREMENT OF VITAMIN B12 BY OPTICAL SPECTROSCOPY
Koichi Umimoto, Minae Matsuura, Yoshimasa Shimamoto, Katsunori Tachibana, Aki Kamada, Masahiro Miyata, Osaka Electro-Communication Univ, Biomedical Engineering, Shijonawate, JAPAN.

MP481
CHANGES IN PULSE WAVE AT THE STARTUP AND AT THE TERMINATION OF HEMODIALYSIS SESSION
Malgorzata Debowska1, Alicja Wojcik-Zaluska2, Wojciech DĄbrowski3, Jan Poleszczuk1, Andrzej Ksiazek4, Wojciech Zaluska4, Jacek Waniewski1, 1Inst Biocybernetics and Biomedical Engineering, Polish Academy Sciences, Dept Mathematical Modeling of Physiological Processes, Warsaw, POLAND, 2Medical Univ Lublin, Dept Physical Therapy and Rehabilitation, Lublin, POLAND, 3Medical Univ Lublin, Dept Anesthesiology and Intensive Therapy, Lublin, POLAND, 4Medical Univ Lublin, Dept Nephrology, Lublin, POLAND.

MP482
INFLUENCE OF ROUTE OF ADMINISTRATION OF LOW MOLECULAR WEIGHT HEPARIN IN HIGH FLUX HEMODIALYSIS AND ONLINE HEMODIAFILTRATION
Marisol Poma, Amir Shabaka, Jose Antonio Herrero, Fernando Tornero, Roberto Martin, Virginia Lopez de la Manzana, Jose Maria Bautista, Mauricio Miranda, Fabio Procaccini, Hosp Clinico San Carlos, Nephrology, Madrid, SPAIN.

MP483
DOSE DIALYZER MEMBRANE MATERIAL AND PERFORMANCE HAVE ANY IMPACT ON THE SURVIVAL OF ELDER DIALYSIS PATIENTS?
Ikuto Masakane1, Jun Minakuchi2, E-HOPED Study Group, 1Yabuki Hosp, Nephrology, Yamagata, JAPAN, 2Kawashima Hosp, Nephrology, Tokushima, JAPAN.

MP484
FREQUENCY AND SEVERITY OF MUSCLE CRAMPS IN CHRONIC HEMODIALYSIS PATIENTS - SINGLE CENTER EXPERIENCE
Aleksandra Farmakovska-Domazetovska, Nikolina Smokovska, Marko Ilievski, Katerina Spaseska-Gurovska, Elena Babaj-Banskoleiva, Risto Grozdanovski, Special Hosp Nephrology and Dialysis Diamed, Dialysis, Skopje, F.Y.R. OF MACEDONIA.
PERITONEAL DIALYSIS - 2

MP485
APOTOPSIS INHIBITOR OF MACROPHAGE PROTEIN AMELIORATES FUNGUS-INDUCED PERITONEAL INJURY IN MICE BY UPREGULATION OF CLEARANCE OF NECROTIC DEBRIS
Takako Tomita1, Yasuhiko Ito1, Kento Kitada2, Masashi Mizuno1, Yasuhiro Suzuki1, Fumiko Sakata1, Daisuke Nakanoo2, Shoichi Maruyama1, Satoko Arai3, Toru Miyazaki3, Akira Nishiyama2, Seiichi Matsu1, 1Nagoya Univ, Nephrology, Nagoya, JAPAN, 2Kagawa Univ, Pharmacology, Takamatsu, JAPAN, 3Univ Tokyo, Lab Molecular Biomedicine for Pathogenesis, Tokyo, JAPAN.

MP486
EXIT SITE FUNGAL INFECTION: EXPERIENCE OF A PERITONEAL DIALYSIS UNIT
Sofia Coelho, Centro Hosp Setúbal, Nephrology, Setúbal, PORTUGAL.

MP487
HOW TO OVERCOME BARRIERS AND START UP NEW PERITONEAL DIALYSIS PROGRAMS - EXPERIENCE FROM NEPAL
Klara Paudel1, Stanley Fan2, Sanjib Sharma3, Kalpana Shresta4, 1Charak Memorial Hosp, Dept Nephrology, Pokhara, NEPAL, 2Barts Health NHS Trust, Dept Renal Medicine, London, UK, 3BPKIHS, Dept Nephrology, Dharan, NEPAL, 4Human Organ Transplant Center, Dept Nephrology, Kathmandu, NEPAL.

MP488
DAILY EXIT-SITE AND INTRANASAL MUPIROCIN IN ALL PD PATIENTS TO PREVENT STAPHYLOCOCCUS AUREUS PERITONITIS: A MORE EFFECTIVE APPROACH THAN MONTHLY INTRANASAL MUPIROCIN IN STAPHYLOCOCCUS AUREUS CARRIERS ONLY
Alferso C. Abrahams1, Tjeckko M. Nagtegaal1, Wim Rüger2, David J. Hetem3, Marc J. M. Bonten3, Frans J. van Ittersum2, Walther H. Boer1, 1UMC Utrecht, Nephrology, Utrecht, NETHERLANDS, 2VU Univ Medical Center, Nephrology, Amsterdam, NETHERLANDS, 3UMC Utrecht, Clinical Microbiology, Utrecht, NETHERLANDS.

MP489
THE EFFECT OF HIV INFECTION ON 1 YEAR OUTCOMES OF PERITONEAL DIALYSIS
Kwazi C. Z. Ndlovu, Alain Assounga, Univ KwaZulu-Natal, Nephrology, Durban, SOUTH AFRICA.

MP490
THE RELATIONSHIP BETWEEN THE OXIDIZED SERUM ALBUMIN AND HYPOALBUMINEMIA IN PERITONEAL DIALYSIS PATIENTS
Kamal Hassan1,2, Anwar Saab3, Zaher Armary4, Khaled Khazim5, Fadi Hassan5, Dunia Hassan5, Nihal Killabi3, Rabia Edgem2, Regina Michelis6, 1Bar-Ilan Univ, Fac Medicine Galilee, Safed, ISRAEL, 2Galilee Medical Center, Dept Nephrology and Hypertension, Peritoneal Dialysis Unit, Nahariya, ISRAEL, 3Galil Health Services, Haifa and Western Galilee District, Haifa, ISRAEL, 4Edinburgh Medical Missionary Society, Dialysis Unit, Nazareth, ISRAEL, 5Tel Aviv Univ, Sackler Fac Medicine, Tel Aviv, ISRAEL, 6Galilee Medical Center, Women's Health Wing, Nahariya, ISRAEL, ISRAEL, 7Galilee Medical Center, Eliachar Research Lab, Nahariya, ISRAEL.

MP491
THE INCIDENCE OF PERITONEAL DIALYSIS-RELATED PERITONITIS : A SINGLE FACILITY STUDY OF 632 PATIENTS OVER 32 YEARS
Mitsuki Moriishi1, Hideki Kawanishi2, Sadanori Shintaku2, Shinichiro Tsuchiya1, 1Tsuchiya General Hosp, Nephrology, Hiroshima, JAPAN, 2Tsuchiya General Hosp, Surgery, Hiroshima, JAPAN.

MP492
AN UNUSUAL CASE OF EOSINOPHILIC PERITONITIS WITH DELAYED ONSET SENSITIVITY TO VANCOMYCIN AND LOSARTAN
Klara Paudel1, Stanley Fan2, 1Charak Memorial Hosp, Dept Nephrology, Pokhara, NEPAL, 2Barts Health NHS Trust, Dept Renal Medicine, London, UK.

MP493
LOW DENTIN MATRIX PROTEIN 1 IS ASSOCIATED WITH INCIDENT CARDIOVASCULAR EVENTS IN PERITONEAL DIALYSIS PATIENTS
Misol Lee, Changhwan Seo, Min-uk Cha, Hyoun Chang Rae Kim, Hee-Ryoung Yun, Su-Young Jung, SeoHyun Park, Jong Hyun Jhee, Youn Kyung Kee, Chang-Yun Yoon, Young Eun Kwon, Jung Tak Park, Tae-Hyun Yoo, Shin-Wook Kang, Seung Hyeok Han, Yonsei Univ College Medicine, Dept Internal Medicine, Seoul, KOREA.

MP494
DECREASED SERUM CARNITINE LEVELS ARE ASSOCIATED WITH LOSSES OF CARNITINE IN DIALYSIS FLUID IN PATIENTS UNDERGOING PERITONEAL DIALYSIS
Sakuya Ito1, Kensei Taguchi1, Yosuke Nakayama1, Junko Yano1, Kyoko Tashiro2, Takuma Hazama1, Takahiro Inokuchi2, Seiji Ueda1, Kei Fukami1, 1Div Nephrology, Dept Medicine, Kurume Univ School Medicine, Kurume-shi, JAPAN, 2Research Inst Medical Mass Spectrometry, Kurume Univ School Medicine, Kurume-shi, JAPAN.
MP495
OPTIMAL BLOOD GLUCOSE CONTROL OF DIABETIC PD PATIENTS WITH ICODEXTRIN AND DPP4-INHIBITOR: CROSS SECTIONAL STUDY IN A SINGLE DIALYSIS UNIT
Hidetoshi Kanai, Kenji Harada, Kosuke Fukuoka, Fumiko Kuwahara, Kazuki Koga, Saeko Miura, Teina Saneyoshi, Kokura Memorial Hosp, Nephrology, Kitakyushu City, JAPAN.

MP496
IMPACTS OF NEUTRAL PERITONEAL DIALYSIS SOLUTION IN MACROSCOPIC MORPHOLOGICAL CHANGES IN PERITONEAL DIALYSIS PATIENTS
Chieko Hamada1, Kauzuki Hara2, 1Juntendo Univ Fac, Nephrology, Bunkyo-ku, JAPAN, 2Juntendo Univ Fac Medicine, Nephrology, Tokyo, JAPAN.

MP497
OUTCOMES OF PATIENTS WITH SYSTEMIC AMYLOIDOSIS UNDERGOING PERITONEAL DIALYSIS
Estefania Yerovi, Maite Rivera Gorrin, Victor Burguera, Maria Delgado, Maria Delgado, Saul Pampa, Fernando Caravaca, Fernando Liano, Hosp Univ Ramón y Cajal, UAH, RedinRen, IryCis, Nephrology, Madrid, SPAIN.

MP498
RELATIONSHIP BETWEEN DECLINE OF RENAL FUNCTION AND HYPERRESPONSIVENESS TO ERYTHROPOIESES-STIMULATING AGENTS IN PERITONEAL DIALYSIS
Ken Mizuguchi, Yuji Sasakiwa, Tomomi Kimura, Atsushi Ogawa, Chiharu Ito, Masashi Mizuno, Katushi Koyama, Kariya Toyota General Hosp, Nephrology, Kariya, JAPAN.

MP499
UNPLANNED START ON PD WITH LESS THAN TWO WEEKS OF PERITONEAL REST BETWEEN PD CATHETER IMPLANTATION AND INITIATION OF PD IS NOT ASSOCIATED WITH INFERIOR PD CATHETER SURVIVAL.
Johan V. Povlsen1, Kjeld E. Otte2, Pia V. Larsen3, Jesper N. Bech4, Gabor Graehn5, Per Iversen6, 1Aarhus Univ Hosp, Dept Renal Medicine C, Aarhus, DENMARK, 2Fredericia Hosp, Dept Internal Medicine, Fredericia, DENMARK, 3Univ Southern Denmark, Research Unit Clinical Epidemiology, Inst Clinical Research, Odense, DENMARK, 4Holstebro Hosp, Dept Internal Medicine, Holstebro, DENMARK, 5Sønderborg Hosp, Dept Internal Medicine, Sønderborg, DENMARK, 6Aarhus Univ Hosp, Dept Medicine C, Aarhus, DENMARK.

MP500
BODY COMPOSITION ASSESSED BY BIOIMPEDANCE CORRELATES WITH LEFT VENTRICULAR MASS INDEX IN STAGE 5 CKD PATIENTS TREATED WITH PERITONEAL DIALYSIS
Marcin Krzanowski1, Katarzyna Krzanowska1, Paulina Dummicka2, Barbara Dudzik1, Eve Chowaniec1, Malgorzata Banaszkiewicz1, WLadySaw SuLowicz1, 1Jagiellonian Univ Medical College, Dept Nephrology, Krakow, POLAND, 2Jagiellonian Univ Medical College, Dept Medical Diagnostics, Krakow, POLAND.

MP501
CORRELATION BETWEEN FATIGUE AND PERCEIVED HEALTH CONTROL IN PERITONEAL DIALYSIS PATIENTS
Tang Jiamin, Huadu District, Guangzhou City People’ Hosp, Dept Nephrology, Guangzhou, CHINA.

MP502
DOES ALKALINE PHOSPHATASE CORRELATE WITH CARDIOVASCULAR CALCIFICATION IN PERITONEAL DIALYSIS PATIENTS?
Saimir Seferi, Merita Rroji, Erjola Likaj, Myftar Barbullushi, Matilda Imeraj, Alketa Koroshi, Univ Hosp Center Mother Teresa

MP503
UNROOFING SURGERY FOR PERITONEAL CATHETER EXIT SITE INFECTION WITH EXTERNAL CUFF INVOLVEMENT
Milos Mitrovic1, Miroslova Popovic1, Tatjana Damjanovic1, Zdenka Majster1, ALeksandar Jankovic1, Petar Djuric1, Nada Dimkovic1, 1KBC Zvezdara, Nephrology, Belgrade, SERBIA, 2Belgrade Univ, Fac Medicine, Belgrade, SERBIA.

MP504
THE EFFECT OF PARICALCITOL ON DIALYSATE PROTEIN LOSS IN PERITONEAL DIALYSIS PATIENTS
Teresa Jerónimo1, Gloria del Peso2, Lucia Gayo2, Anabela M. Guedes1, Ana P. Silva1, Pedro L. Neves1, Rafael Selgas2, Maria A. Bajo2, 1Centro Hosp Algarve, Nephrology, Faro, PORTUGAL, 2Hosp La Paz, Peritoneal Dialysis, Madrid, SPAIN.

MP505
DIFFERENCES BETWEEN NON-GERIATRIC AND GERIATRIC PERITONEAL DIALYSIS PATIENTS WITH REGARD TO NUTRITIONAL PARAMETERS
Matthias Zeiller1, Silvio Di Stante2, Rosa Maria Agostinelli1, Tania Monteburini1, Rita Marinelli1, Marina Di Luca2, Stefano Santarelli1, 1Osp Carlo Urbani
MONDAY, MAY 23

Final Programme

Posters

MP506
CLINICAL COURSE AND CORRELATION OF PERITONEAL EQUILIBRATION TEST (PET) WITH 99MTC DTPA AND CONVENTIONAL TECHNIQUE
Adriana Quieteria Buitrago Gomez1, Erika Yama2, Gerardo Horacio Cortés German1, Martin Cañon3, Hernando Giovannetti1, Luz Kelly Anzola4, 1Fundación Univ Sanitas, Nuclear Medicine, Bogotá, COLOMBIA, 2Sanitas Renal Unit, Nephrology, Bogotá, COLOMBIA, 3Cali Autonoma Univ, Epidemiology, Cali, COLOMBIA, 4Colsanitas, Nuclear Medicine, Bogotá, COLOMBIA.

MP507
PROCALCITONIN IS NOT A SUPERIOR BIOMARKER FOR THE DIAGNOSIS AND PREDICTION OF PROGNOSIS OF PERITONEAL DIALYSIS PERITONITIS
Seung Ok Choi, Jae Seok Kim, Jae Won Yang, Min Keun Kim, Byoung Geun Han, Yonsei Univ Wonju College Medicine, Dept Internal Medicine, Wonju, KOREA.

MP508
NEW ROLE OF PERITONEAL CELL-FREE DNA FOR MANAGMENT IN PD-RELATED PERITONITIS
Grazia Maria Virzì, Sabrina Milan Manari, Alessandra Brocca, Massimo de Cal, Ilaria Tantillo, Carlo Crepaldi, Claudio Ronco, Irriv, Nephrology Dept, Vicenza, ITALY.

MP509
ESOPHAGEAL SPHINCTER PRESSURE IS SIGNIFICANTLY LOWER IN CAPD PATIENTS WITH GASTROESOPHAGEAL REFLUX DISEASE
Moo-Jae Kim1, Seoung Woo Lee1, Ke Suk Kweon2, 1Inha Univ Hosp, Nephrology-Hypertension, Incheon City, KOREA, 2Inha Univ Hosp, Gastroenterology, Incheon City, KOREA.

MP510
PERITONEAL DIALYSIS IS A REASONABLE OPTION IN PATIENTS WITH CARDIOVASCULAR DISEASE
Sara Querido1, Patricia Branco2, Henrique Sousa2, Teresa Adragão2, Augusta Gaspar2, José Diogo Barata2, 1Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL, 2Hosp Santa Cruz, Nephrology, Camaxide, PORTUGAL.

MP511
WHEN TO REMOVE THE PD CATHETER AFTER RENAL TRANSPLANTATION? (RT).
Saul Pampa, Maite Rivera Gorrín, Victor Burguera, Estefania Yerovi, Fernando Caravaca, María Delgado, Hosp Univ Ramón y Cajal, UAH, RedinRen, 1ICYs, Nephrology, Madrid, SPAIN.

MP512
OUTCOME OF PERITONEAL DIALYSIS IN END STAGE RENAL DISEASE WITH LIVER CIRRHOSES: PROPENSITY SCORE MATCHING STUDY
Won Suk An, Su Mi Lee, Dong-A Univ, Internal Medicine, Busan, KOREA.

MP513
OUTCOME OF PERITONEAL DIALYSIS (PD) IN CRITICALLY ILL PATIENTS AS AN ALTERNATIVE TO INTERMITTENT HEMODIALYSIS (IHD) AND SLOW LOW EFFICIENCY DIALYSIS (SLED)
S Iqbal1, MM Iqbal2, MO Faruq3, K Fatema3, WMM Haque1, 1BIRDEM, Nephrology, Dhaka, BANGLADESH, 2SSMC, Nephrology, Dhaka, BANGLADESH, 3BIRDEM, ICU, Dhaka, BANGLADESH.

MP514
HAS IMPROVED THE SURVIVAL OF THE PERITONEAL DIALYSIS TECHNIQUE (TRANSFER TO HEMODIALYSIS) IN THE RECENT YEARS?: WHAT FACTORS HAVE INFLUENCED IN THIS OUTCOME?
Pedro Quiros, Cesar Remon, Veronica Espada, Carolina Okampo, On behalf of Andalusian Group for Peritoneal Dialysis of SICATA System, Hosp Univ Puertu Real, Nephrology, Puerto Real (Cádiz), SPAIN.

MP515
SEVERITY OF VASCULAR CALCIIFICATIONS IN CONTINUOUS AMBULATORY PERITONEAL DIALYSIS (CAPD) PATIENTS
Zerrin Bicik1, Meral Mese2, Ergun Parmaksiz2, Gulsah Boz1, Erman Ozdemir1, 1Kartal Dr Lutfi Kirdar Training Hosp, Nephrology, Istanbul, TURKEY, 2Kartal Dr Lutfi Kirdar Kartal Training Hosp, Nephrology, Istanbul, TURKEY.

MP516
OUTCOME AND RISK FACTORS FOR MORTALITY IN PERITONEAL DIALYSIS PATIENTS: 20 YEARS EXPERIENCE IN A SINGLE TURKISH CENTER
Erol Demir, Fadime Sevgi Sadı Aliimoğlu, Yasar Caliskan, Halil Yazici, Aydin Turkmən, Nilgün Aysuna, Mehmet Sukru Sever, Semra Bozfakıoğu, Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.

MP517
EFFECTIVENESS OF UV LIGHT IN THE DISINFECTION OF PERITONEAL DIALYSIS CATHETER CONNECTIONS
Julia Rasooly1, John Ashley1, Ian Tran1, Larry Yost2, Glenn Chertow1, 1PuraCath Medical, Inc., San Francisco, CA, 2The Atticus Group, LLC, Portsmouth, NH.
MP518
DISCONTINUATION OF PERITONEAL DIALYSIS (PD) AFTER LATE INITIATION OF ECUILIZUMAB IN A PATIENT WITH FAMILIAL ATYPICAL HEMOLYTIC UREMIC SYNDROME (aHUS): A CASE REPORT
Rafael Alonso Valente, Suleyka Puello Martínez, Marta Duran Beloso, Iyad Abuward Abuersharkh, Teresa Cordal Martínez, Manuel Fidalgo Díaz, Dolores Guímil Carbajal, Daniel Novoa García, Cándido Díaz Rodríguez, Hosp Clínico Univ Santiago de Compostela, Servicio Nefrología, Santiago de Compostela, SPAIN.

MP519
IS IT SAFE TO INITIATE TREATMENT OF PERITONEAL DIALYSIS IMMEDIATELY AFTER PERCUTANEOUS CATHETER INSERTION?
Erim Gülcan1, Veyssel Kidi2, Sureyya Ozbay3, 1Dumlupinar Univ, Nephrology, Kutahya, TURKEY, 2DPU Evliya Celebi Research and Education Hosp, Nephrology, Kutahya, TURKEY, 3DPU Evliya Celebi Research and Education Hosp, Peritoneal Dialysis, Kutahya, TURKEY.

MP520
DO THE ELDERLY PATIENTS ON PERITONEAL DIALYSIS HAVE MORE INFECTIOUS RISK? PATIENTS ON PERITONEAL DIALYSIS HAVE MORE INFECTIOUS RISK?
Carolina Belino1, Patricia Barreto1, Clara Santos1, Ana Marta1, Isabel Fonseca2, João Fernandes1, 1Centro Hosp Vila Nova de Gaia e Espinho, Nefrologia, Vila Nova de Gaia, PORTUGAL, 2Porto Hosp Center, Nutrition, Porto, PORTUGAL.

MP521
UPTREND OF PERITONEAL DIALYSIS IN ANDALUSIA: AN ANALYSIS OF 14 YEARS
Pedro Quiros, Cesar Remon, Carolina Ocampo, Veronica Espada, On behalf of Andalusian Group for Peritoneal Dialysis of SICATA, Hosp Univ Puerto Real, Nephrology, Puerto Real (Cádiz), SPAIN.

MP521bis
"PD FIRST" OUTCOMES: MORTALITY, TRANSPLANTATION AND TECHNIQUE SURVIVAL
Teresa Jerónimo, Anabela M. Guedes, Ana P. Silva, Isabel Pinto, Céu Laranjo, André Fragoso, Filipa Mendes, Idalécio Bernardo, Pedro L. Neves, Centro Hosp Algarve, Nephrology, Faro, PORTUGAL.
DIALYSIS. CARDIOVASCULAR COMPLICATIONS - 2

MP522
CORRECTED SERUM CALCIUM AS A PREDICTIVE FACTOR FOR ABDOMINAL AORTA CALCIFICATION IN CKD PATIENTS ON DIALYSIS
Dusit Lumtaertgul1, Surasak Kantachuvesiri2, Kriengsak Vareesangthip3, Impact CKD investigators, 1Renal Div, Dept Medicine, Fac Medicine, Chiang Mai Univ, Chiang Mai, THAILAND, 2Renal Div, Dept Medicine, Ramathibodi Hosp, Mahidol Univ, Bangkok, THAILAND, 3Dept Internal Medicine, Siriraj Hosp, Mahidol Univ, Bangkok, THAILAND.

MP523
CLINICAL SIGNIFICANCE OF MEDIASTINAL FAT INDEX NEWLY DEvised IN MAINTENANCE HEMODIALYSIS PATIENTS
Tetsuya Ogawa1, Yoko Nishizawa1, Miki Shimada1, Chikako Murakami1, Himiko Shimizu1, Tomoko Inoue1, Tetsuri Yamashita1, Ai Kyono1, Chieko Higuchi1, Nobuo Nagano2, Kosaku Nitta3, Hiroshi Sakuraj1, 1Tokyo Women’s Medical Univ Medical Center East, Medicine, Tokyo, JAPAN, 2Hidaka-kai, Kidney Disease and Dialysis Center, Takasaki, JAPAN, 3Tokyo Women’s Medical Univ, Kidney Center, Medicine, Tokyo, JAPAN.

MP524
DOPPLER TISSUE IMAGING AND PULMONARY ARTERIAL PRESSURE IN PERITONEAL AND HEMODIALYSIS PATIENTS
Merita Rroji (Molla)1, Majlinda Cafka2, Saimir Seferi1, Erjola Likaj1, Myftar Barbullushi1, Alketa Koroshi1, 1Univ Hosp Center Mother Teresa

MP525
PLAQUE SCORE AS A PREDICTOR OF PERIPHERAL ARTERY DISEASE EVENTS IN JAPANESE INCIDENT HEMODIALYSIS PATIENTS: AN OBSERVATIONAL, FOLLOW UP STUDY
Toshihide Hayashi1, Nobuhiro Joki1, Yuri Tanaka1, Masaki Iwasaki1, Shun Kubo1, Takasuke Asakawa1, Ai Matsukane1, Yasunori Takahash1, Yoshitaka Imamura2, Hiroki Hase1, 1Toho Univ Ohashi Medical Center, Div Nephrology, Tokyo, JAPAN, 2Kanto Mission, Kawasaki, JAPAN.

MP526
AN INCREASE IN CIRCULATING MONOCYTE AND PLATELET DERIVED MICROPARTICLES DURING HEMODIALYSIS
Naomi Martin1,2, Maurice R. Dungey1,2, James O. Burton1,2, Hannah M. L. Young2, Alice C. Smith1,2, Nicolle C. Bishop1,2, 1Loughborough Univ, SSEHS, Loughborough, UK, 2Leicester Kidney Exercise Team, Univ Leicester & Univ Hosp Leicester, Leicester, UK.

MP527
EPIDEMIOLOGY OF INTERDIALYTIC AMBULATORY HYPERTENSION IN HEMODIALYSIS PATIENTS
Panagiotis I. Georgiannos1, Antonios Karpatas1, Athanasios Biko1, Georgios Koutroumbas2, Vasileios Raptsi1, Georgios Tzanis1, Christos Syrganis2, Kostantinos Movrmatidis3, Vassilis Liakopoulos1, Pantelis A. Sarafidis4, 1AHEPA Univ Hosp, Section Nephrology and Hypertension, First Dept Medicine, Thessaloniki, GREECE, 2General Hosp Volos, Hemodialysis Unit, Volos, GREECE, 3General Hosp Rodopi, Hemodialysis Unit, Komotini, GREECE, 4Hippokration Univ Hosp, Dept Nephrology, Thessaloniki, GREECE.

MP528
SKIN AUTOFLUORESCENCE (SAF), A MARKER OF TISSUE ADVANCED GLYCATED END-PRODUCTS (AGE), AND ARTERIAL STIFFNESS IN PERITONEAL DIALYSIS PATIENTS
Hideyuki Mukai, Oskar Svedberg, Zhimin Chen, Bengt Lindholm, Monica Eriksson, Ann-Christin Bragfors-Helin, Olof Heimbürger, Peter Barany, Abdul R. Qureshi, Björn Anderstam, Peter Stenvinkel, Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, SWEDEN.

MP529
REVIEW OF BLOOD PRESSURE CONTROL AND HOME BLOOD PRESSURE MONITORING IN OUR HEMODIALYSIS COHORT
Helena Edwards, Qian Yue Tan, Amir Bhanji, Queen Alexandra Hosp, Wessex Kidney Centre, Portsmouth, UK.

MP530
VASCALC SCORE COMBINED WITH NUTRITIONAL MARKERS - A SIMPLE PROGNOSTIC MARKER IN HEMODIALYSIS PATIENTS
Hiroshi Tanaka, Mihara Red Cross Hosp, Internal Medicine/Nephrology, Mihara, JAPAN.

MP531
AORTIC ARCH CALCIIFICATION AND ATRIAL FIBRILLATION IN HEMODIALYSIS PATIENTS
Tomoko Honda1, Satoru Kishi1, Emi Furukawa1, Hiroko Anbe1, Yu Kurata1, Masahiro Ichikawa1, Mari Aoel1, Ken Ohara1, Satoshi Furuse1, Katsunori Saito1, Kyosuke Nishio2, Kazunobu Masaki2, Tatsuya Kano3, Naobumi Mise1, 1Mitsui Memorial Hosp, Internal Medicine, Tokyo, JAPAN, 2Shinkoiwa Clinic, Internal Medicine, Tokyo, JAPAN, 3Shinkoiwa Clinic Funaburi, Internal Medicine, Tokyo, JAPAN.
MP532
FIBROBLAST GROWTH FACTOR 23 CAN PREDICT THE PROGRESS OF AORTIC ARTERY CALCIFICATION IN DIALYSIS PATIENTS
Zijin chen1, Xiaonong chen2, 1Ruijin Hosp, Shanghai Jiaotong Univ School Medicine, Dept Nephrology, Shanghai, CHINA, 2Ruijin Hosp affiliated to Shanghai Jiaotong Univ School Medicine, Dept Nephrology, Shanghai, CHINA.

MP533
A CROSS-OVER STUDY COMPARING SERTRALINE HYDROCHLORIDE SUPPLEMENTATION TO DIALYSATE SODIUM MODELING ON INTRADIALYTIC HYPOTENSION AND ON HEMODIALYSIS PATIENT PSYCHOLOGICAL STATUS
Howaida Abdel-Hamdi Alshinnawy, Cherry Reda Kamel, Fardous Kamel Amin, Ain Shams Univ, Internal Medicine and Nephrology, Cairo, EGYPT.

MP534
IS PULSE WAVE VELOCITY THE BEST PREDICTOR OF VASCULAR CALCIFICATION IN CHRONIC HEMODIALYSIS PATIENTS?
Silva Breznik1, Robert Ekart2, Breda PeCovnik Balon3, 1Univ Clinical Center, Radiology, Maribor, SLOVENIA, 2Univ Clinical Center, Dialysis, Maribor, SLOVENIA, 3Fac Medicine, Internal Medicine, Maribor, SLOVENIA.

MP535
ASSESSMENT THE RELATIONSHIP BETWEEN SERUM SOLUBLE KLOTHO AND CAROTID INTIMA-MEDIA THICKNESS AND LEFT VENTRICULAR DYSFUNCTION IN HEMODIALYSIS PATIENTS
Emad Abdallah1, Ostama Mosbah1, Ghada Khalifa1, Amna Metwaly2, Omnia El Bendary3, 1Theodor Bilharz Research Inst, Nephrology, Giza, EGYPT, 2Theodor Bilharz Research Inst, Intensive Care Unit, Giza, EGYPT, 3Theodor Bilharz Research Inst, Clinical Chemistry, Giza, EGYPT.

MP536
EFFECTS OF INTRAVENOUS L-CARNITINE ON MYOCARDIAL FATTY ACID IMAGING IN HEMODIALYSIS PATIENTS
Masato Nishimura1, Toshiko Tokoro2, Toru Takatani3, Nodoka Sato4, Tetsuya Hashimoto4, Hiroyuki Kobayashi4, Toshihiko Ono4, 1Tojinkai Hosp, Cardiovascular Div, Kyoto, JAPAN, 2Tojinkai Hosp, Dept Nephrology, Kyoto, JAPAN, 3Tojinkai Hosp, Div Nephrology, Kyoto, JAPAN, 4Tojinkai Hosp, Div Urology, Kyoto, JAPAN.

MP537
SPECTROSCOPIC BIO-IMPEDANCE VS CONVENTIONAL VOLUME OVERLOAD ASSESSMENT IN PREVALENT HEMODIALYSIS PATIENTS, A POSITIVE EFFECT ON BLOOD PRESSURE
Carlos Rosales, Jonathan Iniguez, Guillermo Garcia, Karina Renoirte, Hosp Civil Guadalajara, Nephrology, Guadalajara, MEXICO.

MP538
EFFECTS OF STANDARD AND INDIVIDUALIZED DIALYSATE SODIUM IN CHRONIC HEMODIALYSIS PATIENTS UPON ECHOCARDIOGRAPHY PARAMETERS
Natasa Efimovska - Otovic1, Natasa Gramatnikovska2, Irena Efimovska-Rogac3, Olivera Stojevca-Taneva4, 1General City Hosp 8th September, Nephrology and Dialysis, Skopje, F.Y.R. OF MACEDONIA, 2General City Hosp 8th September, Cardiology, Skopje, F.Y.R. OF MACEDONIA, 3General City Hosp 8th September, gastrology, Skopje, F.Y.R. OF MACEDONIA, 4Univ Clinic Nephrology, Nephrology and dialysis, Skopje, F.Y.R. OF MACEDONIA.

MP539
DIALYSATE BICARBONATE VARIATION IN PATIENTS ON REGULAR HEMODIAFILTRATION PROGRAM: IMPACT ON INTRADIALYTIC HYPOTENSION AND INTERDIALYTIC WEIGHT GAIN
Márcio Viegas, Cristina Cândido, Joana Felgueiras, José Clemente, Sara Barros, Rostislav Farbota, Filipa Vera, Antero Matos, Francisco Sousa, NephroCare Montijo, Haemodialysis, Montijo, PORTUGAL.

MP540
CHANGES IN LEFT VENTRICULAR SIZING AND FUNCTION OVER THE 3-DAY AND 2-DAY INTERDIALYTIC INTERVALS IN HEMODIALYSIS PATIENTS
Vasileios Kamperidis1, Panagiotis Georgianos2, Kostantinos Tsilonis1, Kostantinos Imprialos3, G. Ioannidis3, E. Barbiri3, Haralampos Kavounis1, Pantelis A. Sarafidis3, 1AHEPA Univ Hosp, First Dept Cardiology, Thessaloniki, GREECE, 2AHEPA Univ Hosp, Section Nephrology and Hypertension, First Dept Medicine, Thessaloniki, GREECE, 3Hipppokration Univ Hosp, Dept Nephrology and Hypertension, First Dept Medicine, Thessaloniki, GREECE.

MP541
The ASSOCIATION BETWEEN EPICARDIAL ADIPOSE TISSUE THICKNESS AND ABDOMINAL AORTIC CALCIFICATION IN LATERAL LUMBAR RADIOGRAPHY AS A PREDICTOR OF CORONARY ATHEROSCLEROSIS
Jong-Woo Yoon1, Ji-Won Ryu2, Myung-Jin Che2, Yong-Ki Lee3, Jung-Woo Noh3, 1Hallym Univ Chuncheon Sacred Hosp, Internal Medicine, Chuncheon, KOREA, 2Collage Medicine, Hallym Univ & Hallym Kidney Research Inst, Internal Medicine, Chuncheon, KOREA, 3Collage Medicine, Hallym Univ & Hallym Kidney Research Inst, Internal Medicine, Seoul, KOREA.
ELECTRONEGATIVE LOW-DENSITY LIPOPROTEIN INCREASES THE RISK OF ISCHEMIC LOWER-EXTREMITY PERIPHERAL ARTERIAL DISEASE IN UREMIC PATIENTS ON MAINTENANCE HEMODIALYSIS

Chiz-Tzung Chang1,2, Che-Yi Chou3,2, Chiu-Ching Huang3,2, 1China Medical Univ Hosp, N, Taichung, TAIWAN, 2China Medical Univ, College Medicine, Taichung, TAIWAN, 3China Medical Univ Hosp, Nephrology, Taichung, TAIWAN.

INFLUENCE OF ACE AND MMP3 GENE POLYMORPHISMS ON ERYTHROPOESIS RESISTANCE IN PATIENTS ON CHRONIC HEMODIALYSIS

Jelena Tosić Dragović1, Jovan Popović1, Petar Đuric1, Aleksandar Janković1, Ana Bulatović1, Ivana Buzadžić2, Nada Dimković1,3, 1Univ Medical Center Zvezdara, Clinical Dept Renal Diseases, Belgrade, SERBIA, 2Univ Medical Center Zvezdara, Dept Human Genetics and Prenatal Diagnostics, Belgrade, SERBIA, 3Univ Belgrade, Medical Fac, Belgrade, SERBIA.

ONLINE HEMODIALFILTRATION ELIMINATES S ADENOSYLHOMOCYSTEINE MORE EFFICIENTLY THAN STANDARD HEMODIALYSIS

Adam M. Zawada1, Anne I. Michell1, Insa E. Emrich1, Sarah Seiler-Müller1, Kai van Bentum2, Reiner Boßlet2, Dani-lo Flißer1, Gunnar H. Heine1, 1Saarland Univ Medical Center, Internal Medicine IV - Nephrology and Hypertension, Homburg, GERMANY, 2Medizinisches Versorgungszentrum Saarpfalz GmbH, Arbeitsgemeinschaft Heimdialyse Saar e. V., Homburg, GERMANY.

KLOTHO, BUT NOT FGF-23, IS ASSOCIATED WITH ATHEROSCLEROTIC VASCULAR CHANGES IN CHRONIC HEMODIALYSIS PATIENTS

Panagiota Giomalisi1, Panagiotis Pateinakis2, Chryssostomos Dimitriadis1, Ioannis Tsouchnakis1, Maria Schoina1, Theodora Kouloukourgiotou1, Ioanna Lampropoulou1, Aikaterini Papagiannil, Georgios Estratiadis1, 1Hippokration General Hosp, Nephrology, Thessaloniki, GREECE, 2Fapageorgiou General Hosp, Nephrology, Thessaloniki, GREECE.

IMPACT OF CONVERSION TO HDF ON ARTERIAL STIFFNESS IN ESRD

Ana Rita M. Martins1,2, Maria Gabriela Teixeira2, Inês Moreira2, Ana Paula Agudo2, Sofia Ferreira2, Fátima Silva3, Teresa Adragão1, André Luiz Weigert4,1, 1Hosp Santa Cruz, Nephrology Dept, Lisbon, PORTUGAL, 2Davita Óbidos, Óbidos, PORTUGAL, 3Davita Portugal, Óbidos, PORTUGAL, 4Davita Portugal, Nephrology Dept, Óbidos, PORTUGAL.

INCREASED RHO KINASE ACTIVITY IN DIALYSIS AND STAGE 3-4 CHRONIC KIDNEY DISEASE PATIENTS WITH LEFT VENTRICULAR HYPTERTROPHY: CARDIOVASCULAR RISK IMPLICATIONS

Lorenzo A. Calo1, Ligo Vertollil, Elena Naso1, Elisav Pagnini1, Verdiana Ravarotto1, Mario Lupia2, Agostino Naso1, 1Univ Padova, Medicine, Nephrology, Padova, ITALY, 2Univ Padova, Cardiologic, Thoracic and Vascular Sciences, Padova, ITALY.

DISORDERS OF SERUM OMEGA 3 FATTY ACID COMPOSITION IN DIALYSIS PATIENTS, AND THEIR ASSOCIATIONS WITH FAT MASS

Malgorzata Sikorska-Wisniewska1, Adriana Mika2, Tomasz Sledzinski3, Sylwia Malgorziewicz4, Piotr Stepnowski1, Boleslaw Rutkowski1, Alicja Debska-Slizien1, Michal Chmielewski1, 1Medical Univ Gdansk, Dept Nephrology, Transplantology and Internal Medicine, Gdansk, POLAND, 2Univ Gdansk, Dept Environmental Analysis, Gdansk, POLAND, 3Medical Univ Gdansk, Dept Pharmaceutical Biochemistry, Gdansk, POLAND, 4Medical Univ Gdansk, Dept Clinical Nutrition, Gdansk, POLAND.

ALDOSTERONE LEVELS IN PATIENTS ON HEMODIALYSIS: RELATIONSHIP WITH INSULIN RESISTENCE AND BODY FAT

Maria J. Fernandez-Reyes Luis1, Manuel Heras Benito1, Maria J. Gonzalez Villalba2, Olia Rodriguez Fraga2, Alvaro Molina Ordá3, Ramiro Callejas3, Astrid Rodriguez Gomez3, Leonardo Calle Garcia1, Vanessa Lopes1, 1Hosp General Segovia, Nephrology, Segovia, SPAIN, 2Hosp Univ La Paz, Clinical Lab Analysis, Madrid, SPAIN.

INTRADIALYTIC VARIATION OF NTPROBNP - EARLY MARKER FOR LEFT VENTRICULAR SYSTOLIC DYSFUNCTION

Andrei Niculae1,2, Daniela Radulescu1,2, Cristiana David1,2, Ileana Peride3,2, Ileana Vacaroiu1,2, Ionel Alexandru Checherita1,2, 1Carol Davila Univ Medicine and Pharmacy
COMPARISON OF VASCULAR CALCIFICATION BETWEEN PATIENTS ON MAINTENANCE HEMODIALYSIS AND CONTINUOUS AMBULATORY PERITONEAL DIALYSIS
Min Li1, Xuyang Cheng1, Yuqing Chen1, Jie Dong1, Meijiao Li2, Ming-Hui Zhao1, 1Renal Div, Dept Medicine, Peking Univ First Hosp, Beijing, CHINA, 2Dept Medical Imaging, Peking Univ First Hosp, Beijing, CHINA.

THE RELATION BETWEEN RENALASE LEVELS AND LEFT VENTRICULAR HYPERTROPHY IN HEMODIALYSIS PATIENTS
Ebru Gok Oguz1, Guner Karaveli Gursoy1, Ozlem Yayar1, Tolga Yildirim1, Tolga Cimen2, Cengiz Bulut1, Baris Eser1, Basol Canbakan1, Ekrem Yeter2, Zafer Ercan1, Mehmet Deniz Ayli1, 1DIşkapi Yildirim Beyazit Education and Research Hosp, Dept Nephrology, Ankara, TURKEY, 2DIşkapi Yildirim Beyazit Education and Research Hosp, Dept Cardiology, Ankara, TURKEY.

CLINICAL VALUE OF MULTISLICE SPIRAL COMPUTED TOMOGRAPHIC IN DIAGNOSIS OF PULMONARY HYPERTENSION IN HEMODIALYSIS PATIENTS
Yan Xu, Zi Liang Wang, Min Guo, Rui Xia Ma, Wei Jiang, Affiliated Hosp Qingdao Univ, Nephrology, Qingdao, CHINA.

LIPOPROTEIN SUBFRACTIONS, URIC ACID AND CARDIOVASCULAR DISEASE - IS THERE A LINK?
Anna Gluba-Brzózka, Beata Franczyk, Jacek Rysz, WAM Univ Hosp Lodz, Dept Nephrology, Hypertension and Family Medicine, Lodz, POLAND.

SALT WATER DISEQUILIBRIUM AND FLUID OVERLOAD IN HEMODYALYSES PATIENTS: A CENTRAL ROLE OF CORIN
Carlo Alberto Ricciardi1, Antonio Lacquaniti1, Valeria Cernaro1, Annamaria Bruzzesel1, Viviana Lacaval1, Luca Visconti1, Saverio Loddo2, Domenico Santoro1, Michele Buemi1, 1Univ Messina, Clinical and Experimental Medicine, Messina, ITALY, 2Univ Messina, Pathology, Messina, ITALY.

AUTONOMIC DISORDER AND SERUM POTASSIUM LEVEL CHANGE FOR THE RISK FACTORS OF FATAL ARRHYTHMIA IN HEMODIALYSIS PATIENTS.
Nanami Kida1,2, Akira Hatanaoka2, Yasunori Tsujimoto2, Syunro Ageta2, Nariaki Matsuura1, 1Osaka Univ Graduate School, Molecular Pathology, Osaka, JAPAN, 2Nagahara Hosp, Blood Prification Center, Osaka, JAPAN.

CYCLOPHILIN A AS EARLY MARKER OF ATHEROSCLEROSIS IN DIALYSIS PATIENTS
Bong Soo Park1, Sihyung Park1, Seok Ju Park2, Yang Wook Kim1, 1Haeundae Paik Hosp, Internal medicine, Busan, KOREA, 2Busan Paik Hosp, Internal Medicine, Busan, KOREA.

CORRELATION BETWEEN MUNTNER CARDIOVASCULAR CALCIFICATION INDEX AND ADRAGAO SCORE IN HEMODIALYSIS PATIENTS
Armando Coca1, Susana Valenciano1, Ana Lucia Valencia1, Jesus Nuñez1, Carmen Aller1, Jose Maria Monfa2, Jesus Bustamante3, Alicia Mendiluce1, 1Hosp Clinico Univ, Nephrology, Valladolid, SPAIN, 2Hosp Univ Rio Hortega, Nephrology, Valladolid, SPAIN, 3Fac Medicine, Medicine, Dermatology and Toxicology, Valladolid, SPAIN.

BRIDGING ANTICOAGULATION IN CKD PATIENTS IN THE COMMUNITY: WALKING THROUGH THE FOG. A PRACTICAL APPROACH
Farid G. Ghalli, Elaine Saunders, Lynn Davies, Khaled Hureibi, Mohamed A. Ilham, Univ Hosp Wales, Nephrology and Renal Transplant Unit, Cardiff, UK.

INFLUENCE OF HEMODIALYSIS ON CENTRAL HEMODYNAMICS AND ARTERIAL WALL PROPERTIES IN PATIENTS WITH AND WITHOUT INTRADIALYTIC HYPOTENSION
Maciej Poborczyk1, Beata Handzelewicz2, Michał P. Nowicki3, 1Medical Univ Łódź, Univ Research Lab, Łódź, POLAND, 2B Braun Avitum, Dialysis Centre, Kutno, POLAND, 3Medical Univ Łódź, Dept Nephrology, Hypertension and Kidney Transplantation, Łódź, POLAND.

ASSOCIATION OF SERUM ADIPOCYTE FATTY ACID BINDING PROTEIN LEVEL WITH PERIPHERAL ARTERY DISEASE IN HAEMODIALYSIS PATIENTS
Yu-Hsien Lai, Yu-Li Lin, Chih-Hsien Wang, Chiu-Huang Kuo, Bang-Gee Hsu, Buddhist Tzu Chi General Hosp, Div Nephrology, Hualien, TAIWAN.
MP562
ASSESSMENT OF BODY FLUID VOLUME STATUS BY LUNG ULTRASOUND IN CHRONIC HEMODIALYSIS PATIENTS
Morikuni Nishihira1, Kunihiro Shimoji1, Taku Inoue2, Takuya Sekiguchi1, Shigetomo Terukina1, Toru Hanashiro1, Tasuku Kikumura1, Kiyomitsu Nagayama1, Masato Oroku1, Koichi Yahagi1, Yoshiki Shiohira1, Kunitoshi Iseki1, Tomishiro Central Hosp, Dept Nephrology, Tomigusuku-City Okinawa, JAPAN, 2Nanbu Hosp, Dept Cardiology, Itoman-City Okinawa, JAPAN.

MP563
EVALUATING THE RISK OF CARDIOVASCULAR DISEASE IN PERITONEAL DIALYSIS PATIENTS
Erol Demir, Yasar Caliskan, Fadime Sevgi Sacli Alimoglu, Halil Yazici, Aydin Turkmen, Alaattin Yildiz, Nilgun Aysuna, Mehmet Sukru Sever, Semra Bozfakioglu, Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.

MP564
THE EFFECT OF VITAMIN D STATUS ON ADAMTS13 AND VON WILLEBRAND FACTOR IN DIABETIC PATIENTS ON CHRONIC HEMODIALYSIS
Keren Cohen-Hagai1, Gloria Rashid2, Yael Einbinder1,3, Meital Ohana1, Sydney Benchetrit1,3, Tali Zitman-Gal1,1Meir Medical Center, Nephrology and Hypertension, Kfar Saba, ISRAEL, 2Meir Medical Center, Medical Labs, Kfar Saba, ISRAEL, 3Tel Aviv Univ, Sackler Fac Medicine, Tel Aviv, ISRAEL.

MP565
MANAGEMENT OF SUBCLINICAL THYROID DYSFUNCTION CAN REDUCE CARDIOVASCULAR EVENTS IN PATIENTS WITH END STAGE RENAL DISEASE ON HEMODIALYSIS
Hong Joo Lee, Seoul Red Cross Hosp, Dept Nephrology, Seoul, KOREA.
MP566 IMPLEMENTATION OF GUIDELINES ON MINERAL BONE DISEASE IN EUROPE, RESULTS FROM EURODOPPS
Sophie Liabeuf1, Karlijn J. Van Stralen2, Francesca Tentori3, Christian Combre4, Kitty J. Jager2, Ziad A. Massy5,
1Amiens Univ Hosp and INSERM U1088, Clinical Research Center, Amiens, FRANCE, 2ERA-EDTA Registry, Academ-
ic Medical Center, Amsterdam, NETHERLANDS, 3Arbor Research, Vanderbilt Univ Medical Center, Ann Arbor, MI,
4Bordeaux Univ Hosp, Nephrology Dept, Bordeaux, FRANCE, 5Amboise Paré Hosp et INSERM U-1018, Nephrology
Dept, Paris, FRANCE.

MP567 DENOSUMAB FOR MALE HEAMODIALYSIS PATIENTS WITH LOW BONE DENSITY (BMD): A CASE CONTROL
STUDY
Hiroya Takami1, Kazunori Washio1, Hiromichi Gotoh2, 1Saiyuu Kawaguchi Clinic, Renal Div, Kawaguchi, JAPAN,
2Saiyuu Souka Hosp, Renal Div, Souka, JAPAN.

MP568 THE EFFECT OF LANTHANUM CARBONATE ON CALCI PROTEIN PARTICLES IN HEMODIALYSIS PATIENTS
Yudai Nagata1, Kimihiko Nakamura1, Naohito Isoyama1, Masafumi Matsumura1, Koki Fujikawa1, Koichi Uchiyama1,
Makoto Kuroo2, Hideyasu Matsuyma1,1Yamaguchi Univ, Urology, Ube, Yamaguchi, JAPAN, 2Jichi Medical Univ,
Anti-Aging Medicine, Shimotsuke, Tochigi, JAPAN.

MP569 SNF472 PHARMACOKINETICS-PHARMACODYNAMICS IN A VITAMIN D-INDUCED CALCIFICATION RAT MODEL
Joan Perelló1,2, Maria M. Pérez1, Marta Lazo3, Elisenda Bañón3, Josep M. Campistol3, Carolina Salcedo1, Miguel D.
Ferrer1, 1Laboratoris Sanifit, R&D, Palma, SPAIN, 2Univ Balearic Islands, Lab Renal Lithiasis, Palma, SPAIN, 3Hospital
Clinic, Nephrology & Renal Transplantation, Barcelona, SPAIN.

MP570 PARATHYROIDECTOMY IMPROVES SURVIVAL IN MATCHED GROUPS
Alexander Zemchenkov1,2, Roman Gerasimchuk1, Konstantin Novokshonov3, 1North-Western State Medical Univ
n.a.I.I.Mechnikov, Internal Diseases and Nephrology Chair, St-Petersburg, RUSSIAN FEDERATION, 2First St-Peter-
sburg State Medical Univ n.a.1P.Pavlov, Nephrology and Dialysis Chair, St-Petersburg, RUSSIAN FEDERATION, 3St-
Petersburg State Univ, Northern-Western Regional Endocrine Center, St-Petersburg, RUSSIAN FEDERATION.

MP571 RELATIONSHIP BETWEEN FETUIN A, VASCULAR CALCIFICATION AND FRACTURE RISK IN DIALYSIS PATIENTS
Hung-Yuan Chen, Yen-Ling Chiu, Shih-Ping Hsu, Mei-Fen Pai, Ju-Yeh Yang, Yu-Sen Peng, Far Eastern Memorial Hosp,
Div Nephrology, Dept Internal Medicine, New Taipei, TAIWAN.

MP572 PROGNOSTIC SIGNIFICANCE OF CT SCANS OF ABDOMINAL AORTA ON MORTALITY OF HEMODIALYSIS PA-
TIENTS, THREE YEAR FOLLOW UP
Petar S. Djuric1, Nada Dimkovic1,2, Zivka Djuric1, Georg Schlieper3, Aleksandar Jankovic1, Milan Pantelic4, Tatjana
Damjanovic1, Jelena Totic Dragicov1, Ana Bulatovic1, Jovan Popovic1, Milica Stanicuiev4, Juergen Floege3, 1Zvezdara
Univ Medical Center, Clinical Dept Renal Diseases, Belgrade, SERBIA, 2Medical Fac, Belgrade Univ, Internal Medicine,
Belgrade, SERBIA, 3RWTH Aachen Univ, Div Nephrology and Clinical Immunology, Aachen, GERMANY, 4Zvezdara
Univ Medical Center, Center Radiology, Belgrade, SERBIA.

MP573 ADDITIONAL THERAPY OF β2-MICROGLOBULIN ADSORPTION COLUMN ON ONLINE HEMODIAFILTRA-
TION IMPROVED PERSISTENT PAIN OF DIALYSIS-RELATED AMYLOIDOSIS.
Takahiro Kuragano1, Minoru Furuta2, Mana Yahi1, Arithoshi Kida1, Yasuyuki Nagasawa1, Akihide Matsumoto2,
Takeshi Nakanishi3, 1Hyogo College Medicine, Dept Internal Medicine, Nishinomiya, JAPAN, 2Seishoukai Aoi Hosp,
Dept Internal Medicine, Itami, JAPAN.

MP574 RESPONSE OF FIBROBLAST GROWTH FACTOR 23 TO A PHOSPHATE-RICH MEAL
Mark Reinhard1, Jan Frystyk2, Bente Jespersen1, Per Iversen1, 1Aarhus Univ Hosp, Dept Renal Medicine, Aarhus
N, DENMARK, 2Aarhus Univ Hosp, Dept Endocrinology and Internal Medicine & Medical Research Lab, Aarhus,
DENMARK.

MP575 SERUM PHOSPHORUS AND PHOSPHATE BINDER PILL BURDEN IN DIABETIC HEMODIALYSIS PATIENTS
SWITCHED TO SUCROFERRIC OXYHYDROXIDE AS PART OF ROUTINE CARE
Linda H. Ficociello, Vidhya Parameswaran, Claudiy Mullon, Norma J. Olsden, Carly Van Zandt, Franklin W. Maddux,
Robert J. Koossman, Fresenius Medical Care NA, North America, Waltham, MA.
MP576
SERUM SOLUBLE ALPHA-KLOTHO CONCENTRATIONS ARE NOT DEPENDENT ON VITAMIN D STATUS IN MAINTENANCE DIALYSIS PATIENTS
Sylvie Dusilova Sulkova1,2, Marta Kalousova3, Jaroslava Vavrova4, Tomas Zima3,5, Roman Safranek1, Eva Vykoukalova2, Alena Malar1, Ladislava Pavlikova4, Vladimir Palicka4, 1Uuniv Hosp Hradec Královo, Haemodialysis Centre, Hradec Královo, CZECH REPUBLIC, 2Charles Univ Fac Medicine Hradec Královo, Second Dept Internal Medicine, Hradec Královo, CZECH REPUBLIC, 3Charles Univ First Fac Medicine, Inst Medial Biochemistry nad Lab Diagnostics, Prague, CZECH REPUBLIC, 4Univ Hosp Hradec Královo, Dept Medical Biochemistry, Hradec Královo, CZECH REPUBLIC, 5General Univ Hosp Prague, Inst Medical Biochemistry and Lab Diagnostics, Prague, CZECH REPUBLIC.

MP577
DIFFERENCES BETWEEN CALCIFEDIOL AND PARICALCITOL ON SOLUBLE KLOTHO LEVELS IN HAEMODIALYSIS PATIENTS
Miguel Giovanni Uriol Rivera1, Sheila Cabello Pelegrin1, Manuel Luque Ramirez2, Sonia Cleofé Jiménez Mendoza1, Joan Robles Bauçà3, Angel García Alvarez4, Gonzalo Gómez Marques1, Carlos Rafael Barraza Jimenez1, Juan Rey Valeriano1, SEKRU: Son Espases Kidney Research Unit, 1Hosp Univ Son Espases, Nephrology, Palma de Mallorca, SPAIN, 2Hosp Ramon y Cajal, Endocrinology, Madrid, SPAIN, 3Hosp Univ Son Espases, Lab Medicine, Palma de Mallorca, SPAIN, 4Hosp Univ Son Espases, Clinical Pharmacology, Palma de Mallorca, SPAIN.

MP578
INCREASED PLASMA SCLEROSTIN CONCENTRATION IN HEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM TREATED WITH CINACALCET
Piotr Kuczera, Marcin Adamczak, Andrzej Więcek, Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND.

MP579
THE PREVALENCE OF VASCULAR CALCIFICATION IN CHINESE PATIENTS WITH CHRONIC KIDNEY DISEASE ON DIALYSIS: BASELINE RESULTS FROM A NATIONAL MULTI-CENTER OBSERVATIONAL COHORT STUDY
Zhi-hong Liu, Pei-ling Chen on behalf of the CDCS study group, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.

MP580
COMPARISON OF BOLUS DOSE VS. DAILY ADMINISTRATION OF CHOLECALCIFEROL, IN VITAMIN D SUPPLEMENTATION FOR HEMODIALYSIS PATIENTS
Pablo Molina, Belen Vizcaino, Gonzalez-Moya Mercedes, Sandra Beltran, Marco Montomoli, Ana Avila, Cristina Castro, Jonay Pantoya, Jose L. Gorriz, Luis M. Pallardo, Dr Peset Univ Hosp, Dept Nephrology, Valencia, SPAIN.

MP581
EVALUATION OF THREE RISK ASSESSMENT TOOLS IN DISCRIMINATING FRACTURE STATUS AMONG HEMODIALYSIS PATIENTS
An-jin Chang, Ying Qian, Xiao-Nong Chen, Wei-Ming Wang, Nan Chen, Ruijin Hosp affiliated to Shanghai Jiaotong Univ School Medicine, Dept Nephrology, Shanghai, CHINA.

MP582
PA21 ELEVATES PLASMA IONIZED CALCIUM LEVELS
Chikako Nakano1, Yoshitaka Isaka2, Takayuki Hamano3, 1Kisei Hosp, Internal Medicine, Osaka, JAPAN, 2Osaka Univ Graduate School Medicine, Nephrology, Osaka, JAPAN, 3Osaka Univ Graduate School Medicine, Comprehensive Kidney Disease Research, Suita, JAPAN.

MP583
SEASONAL PROFILE OF IPTH AND VITAMIN D IN CHRONIC HEMODIALYSIS PATIENTS: ANALYSIS OF THE SPANISH FRESENIUS MEDICAL CARE CLINICS
Francisco Morel1, Javier Varas1, Nicolás Marigliano1, Rosa Ramos1, Rafael Perez-Garcia2, Josep Aguilera3, Francesc Barbas, Amparo Fernandez-Robles3, Josep Mora3, Merce Pons-Agulier3, Laura Ribera-Tello3, Jordi Soler3, Jose Ignacio Merello-Godino1, 1Fresenius Medical Care Spain, Medical Board, Madrid, SPAIN, 2Hosp Univ Infanta Leonor, Nephrology, Madrid, SPAIN, 3Fresenius Medical Care Spain, Clinics, Barcelona, SPAIN.
DIALYSIS, EPIDEMIOLOGY, OUTCOME RESEARCH, HEALTH SERVICES RESEARCH - 2

MP584
LIMITED ULTRAFILTRATION AND DIURETICS TO PRESERVE RESIDUAL RENAL FUNCTION IN INCIDENT HEMODIALYSIS PATIENTS: A CASE SERIES
Jessica Sjoelund1, Liz Bayes2, Tiny Hoekstra3, Gabriel Contreras4, Friedo W. Dekker3, Jair Munoz Menodza4, 1Univ Gothenburg, Sahlgrenska Academy, School Medicine, Gothenburg, SWEDEN, 2Univ Miami, Miller School Medicine, Dept Pediatrics, Miami, FL, 3Leiden Univ Medical Centre, Dept Clinical Epidemiology, Leiden, NETHERLANDS, 4Univ Miami, Miller School Medicine, Dept Medicine, Div Nephrology, Miami, FL.

MP585
PREVALENCE OF DEPRESSIVE SYMPTOMS IN END STAGE KIDNEY DISEASE PATIENTS UNDER DIALYSIS AND ITS ASSOCIATION WITH SOCIODEMOGRAPHIC AND CLINICAL DATA
Ricardo Ferreira1, Leonilde Amado2, Verónica Poveda3, Vasco Miranda2, Constança Paul4, Laetitia Teixeira4, Alice Santos-Silva5, Elísio Costa5, 1UCIBIO, Fac Pharmacy, Univ Porto, Porto, PORTUGAL, 2Nephrocare Portugal, SA, Nephrocare Maia, Maia, PORTUGAL, 3CBAS, Univ Porto, Univ Santa Elena, La Libertad, Equator, Porto, PORTUGAL, 4ICBAS, Univ Porto, CINTESIS - UP, Porto, PORTUGAL, 5UCIBIO, Fac Pharmacy, Univ Porto, Porto, PORTUGAL.

MP586
RESPONSE TO THE VACCINATION AGAINST HEPATITIS B VIRUS IN CHILDREN ON HEMODIALYSIS
Gulnar Chingayeva1, Abay Shepetov1, Bibigul Abeuova2, Saule Dikanbaeva1, Saule Dosym1, Dina Ismailova1, 1Kazakh National Medical Univ named after S.D. Asfendiyarov, Nephrology Dept, Almaty, KAZAKHSTAN, 2Karaganda State Medical Univ, Pediatrics Dept, Karaganda, KAZAKHSTAN.

MP587
INTRADIALYTIC HYPERTENSION IS ASSOCIATED WITH LOWER OXYGEN SATURATION DURING HEMODIALYSIS
Anna Meyring-Wösten1, Ya Luo2, Hanjie Zhang1, Stephan Thijsen1, Yuedong Wang2, Peter Kotanko1,3, 1Renal Research Inst, Research Dept, New York, NY, 2Univ California, Dept Statistics & Applied Probability, Santa Barbara, CA, 3cahn School Medicine, Mount Sinai, New York, NY.

MP588
PROBING RISK OF STROKE AND ITS RELATED FACTORS IN ELDERLY DIALYSIS PATIENTS
Seung Seok Han, Kwon Wook Joo, Jin Suk Han, Yon Su Kim, Dong Ki Kim, Seoul National Univ Hosp, Internal Medicine, Seoul, KOREA.

MP589
A MALNUTRITION INFLAMMATION SCORE (MIS) PREDICTS PATIENT’S OUTCOMES AND GIVES SPECIFIC STRATEGIES TO IMPROVE THE MORTALITY OF MAINTENANCE DIALYSIS PATIENTS
Minoru Ito1, Ikuto Masakane1, Yumiko Seino2, 1Yabuki Hosp, Nephrology and Dialysis Center, Yamagata, JAPAN, 2Yabuki Hosp, Nutritional Care, Yamagata, JAPAN.

MP590
MUSCLE WASTING IS ASSOCIATED WITH DEPRESSION AND ALTERED MENTAL STAGE IN DIALYSIS PATIENTS
Cihan Fidan1, Emre Tutal2, Zeynep Bal2, Siren Sezer2, 1Baskent Univ Fac Medicine, Family Medicine, ANKARA, TURKEY, 2Baskent Univ Fac Medicine, Nephrology, ANKARA, TURKEY.

MP591
COST-MINIMISATION ANALYSIS OF SUCROFERRIC OXYHYDROXIDE AND SEVELAMER CARBONATE IN PATIENTS ON DIALYSIS WITH SECONDARY HYPERPARATHYROIDISM IN THE UK
Joris van Stiphout1, Peter G. Braunhofer2, Viacheslav Rakov2, Matthias Schwenkglenks1, Thomas D. Szucs1, Patricia R. Blank1, 1Univ Basel, Inst Pharmaceutical Medicine, Basel, SWITZERLAND, 2Vifor Pharma, Global Medical Affairs, Glattbrugg, SWITZERLAND.

MP592
A 10 YEARS’ SINGLE CENTER EXPERIENCE ON PALLIATIVE CARE SERVICE UTILIZATION AMONG PATIENTS ON HEMODIALYSIS
Maria Lourdes Gonzalez Suarez1, Wonngarm Kittanamongkolchai1, Molly Feely2, James Gregoire1, 1Mayo Clinic, Nephrology and Hypertension, Rochester, MN, 2Mayo Clinic, Palliative Medicine, Rochester, MN.

MP593
COMPARING DIFFERENCES IN THE SOCIAL NETWORK OF PERITONEAL VS. HEMODIALYSIS PATIENTS
Maxi Robinski1, Juliane Lamprecht1, Franz Strich1, Wilfried Maul1, Matthias Girndt2, 1Medical Fac Martin Luther Univ Halle-Wittenberg, Inst Rehabilitation Medicine, Halle (Saale), GERMANY, 2Medical Fac Martin Luther Univ Halle-Wittenberg, Internal Medicine II, Halle (Saale), GERMANY.
MP594
DEPRESSION ASSOCIATED WITH HIGHER ALL-CAUSE MORTALITY AND INFECTION-RELATED ADVERSE OUTCOMES IN PATIENTS UNDERGOING DIALYSIS
Ping-Hsun Wu1,2, Ming-Yen Lin1,3, Yi-Ting Lin4,5,2, Teng-hui Huang1, Hung-Tien Kuo1,3, Chi-Chih Hung1,3, Yi-Chun Yeh6,7, Jer-Chia Tsai1,3, 1Kaohsiung Medical Univ Hosp, Div Nephrology, Dept Internal Medicine, Kaohsiung, TAIWAN, 2Kaohsiung Medical Univ, Inst Clinical Medicine, College Medicine, Kaohsiung, TAIWAN, 3Kaohsiung Medical Univ Hosp, Dept Family Medicine, Kaohsiung, TAIWAN, 4Kaohsiung Medical Univ Hosp, Dept Internal Medicine, Kaohsiung, TAIWAN, 5Kaohsiung Municipal Hsiao–Kang Hosp, Dept Family Medicine, Kaohsiung, TAIWAN, 6Kaohsiung Medical Univ Hosp, Dept Psychiatry, Kaohsiung, TAIWAN, 7Kaohsiung Medical Univ, Dept Psychiatry, College Medicine, Kaohsiung, TAIWAN.

MP595
HYPMAGNESEMIA IN THE PATIENTS ON CHRONIC HEMODIALYSIS - THE ROLE OF PROTON PUMP INHIBITORS
Ivana Mikolasevic1, Sandra Milic2, Davor Stimac2, Vesna Lukenda Zanko3, Lidija Orlic4, 1Univ Hosp Rajeka Nephrology, Rajeka, CROATIA, 2UHC Rajeka, Gastroenterology, Rajeka, CROATIA, 3Clinical Hosp Josip Bencevic

MP596
WHAT IS THE BEST METHOD FOR ASSESSING FUNCTIONAL STATUS IN ELDERLY PATIENTS WITH CHRONIC KIDNEY DISEASE?
Osasuyi Iyasere1, Tomasz Grodzicki2, Ionut Nistor3,4, Wim Van Biesen5, Ken Farrington7, for ERBP Elderly Working Group, 1Hammersmith Hosp, Imperial College Renal and Transplant Centre, London, UK, 2Jagellionian Univ, Dept Internal Medicine, Krakow, POLAND, 3Univ Medicine and Pharmacy, Nephrology Dept, Fac Medicine, Iasi, ROMANIA, 4Ghent Univ Hosp, ERBP, Ghent, BELGIUM, 5Ghent Univ, Dept Internal Medicine, Gent, BELGIUM, 6Univ Medicine and Pharmacy Gr. T. Popa

MP597
HIGH VERSUS LOW DOSE ERYTHROPOIESIS-STIMULATING AGENTS IN PEOPLE WITH END-STAGE KIDNEY DISEASE TREATED WITH HAEMODIALYSIS (C.E. DOSE): AN OPEN-LABEL, PRAGMATIC, MULTICENTRE, PARALLEL-GROUP RANDOMISED CONTROLLED TRIAL
Valeria Saglimbene1, Suetonia Palmer2, Marinella Ruospo1,3, Gabrielle Williams4, Jonathan Craig4, Jörgen Hegbrant1, Giovanni Strippoli on behalf of C.E. DOSE investigator5,6,7, 1Diaverum Medical Scientific Office, Scientific Affairs, Lund, SWEDEN, 2Univ Otago Christchurch, Dept Medicine, Christchurch, NEW ZEALAND, 3Amedeo Avogadro Univ Eastern Piedmont, Div Nephrology and Transplantation, Novara, ITALY, 4Univ Sydney, Sydney School Public Health, Sydney, AUSTRALIA, 5Univ Bari, Dept Emergency and Organ Transplantation, Bari, ITALY, 6Diaverum Academy, Diaverum Academy, Bari, ITALY.

MP598
IMPACT OF LANTHANUM CARBONATE ON PROGNOSIS OF HAEMODIALYSIS PATIENTS
Kenji Tsuchida1, Hiroyuki Michiwaki2, Daishuke Hirose2, Tadashi Tomo3, Jun Minakuchi1, Shu Kawashima1, 1Kawashima Hosp, Kidney Disease, Dialysis & Transplantation, Tokushima city, JAPAN, 2Kawashima Dialysis Clinic, Clinical Engineering, Tokushima city, JAPAN, 3Kawashima Dialysis Clinic, Clinical Engineering, Tokushima city, JAPAN, 3Oita Univ, Nephrology, Oita city, JAPAN.

MP599
REVERSE EPIDEMIOLOGY OF LIPOPROTEIN(A) CONCENTRATION IN OLDER PATIENTS ON HEMODIALYSIS
Charles Chazot1, Daniele Marcelli2, Cyril Vo-Van1, Guillaume Jean1, Christie Lorriaux1, Jean-Marc Hurot1, Brice Mayor1, Eric Zaoui3, Aileen Grassmann2, Bernard Canaud4, 1NephroCare Tassin-Charcot, Nephrology, Sainte Foy Les Lyon, FRANCE, 2Fresenius Medical Care, Clinical and Epidemiological Research, Bad Homburg, GERMANY, 3Lab Novescia, Lab, Sainte Foy Les Lyon, FRANCE, 4Fresenius Medical Care, Center Excellence Medical, Bad Homburg, GERMANY.

MP600
SELF REPORTED END STAGE RENAL DISEASE ADHERENCE QUESTIONNAIRE AND ITS ASSOCIATION WITH POTENTIAL BIOMARKERS OF NON ADHERENCE
Verónica Poveda1, Leonilde Amado2, Madalena Filgueiras3, Ricardo Ferreira4, Laetitia Teixeira5, Vasco Miranda6, Alice Santos-Silva4, Constança Paúl5, Elídio Costa4, 1ICBAS Univ Porto, Univ Santa Elena, La Libertad, Equator, Porto, PORTUGAL, 2Nephrocare Portugal, SA - Nephrocare Maia, NA, Maia, PORTUGAL, 3National Sch of Transplantology, Porto, Fac Pharmacy, Porto, PORTUGAL, 5ICBAS - Univ Porto, 4CIBIO, Univ Porto, Fac Pharmacy, Porto, PORTUGAL, 6ICBAS - Univ Porto, CINTESIS - UP, Porto, PORTUGAL, 6Diagnosis Clinic Gondomar, Nephrocare Portugal, Porto, PORTUGAL, 7Nephrocare Maia, Maia, PORTUGAL.

MP601
RESIDUAL RENAL FUNCTION IN PATIENTS TREATED WITH CHRONIC HEMODIALYSIS
Ivana Mikolasevic1, Vesna Lukenda Zanko2, Drasko Pavlovic3, Marina Colic1, Lidija Orlic1, 1Univ Hosp Rajeka, Nephrology, Rajeka, CROATIA, 2Clinical Hosp Josip Bencevic

MP602
THE INFLUENCE OF SOCIAL SUPPORT IN HEMODIALYSIS PATIENTS
Ki Sung Ahn1, Hong Ik Kim1, In Hee Lee1, Jungmin Woo2, Gun Woo Kang1, 1Catholic Univ Daegu School Medicine, Internal Medicine, Daegu, KOREA, 2Catholic Univ Daegu School Medicine, Psychiatry, Daegu, KOREA.
MP603

OCCULT HEPATITIS B VIRUS INFECTION IN A COHORT OF HEMODIALYSIS PATIENTS IN HONG KONG
Hon-Lok Tang1, Clara Ka-Yan Poon1, Bosco Hoi-Shiu Lam2, Shuk-Hang Lee1, Lim-Lim Kong1, William Lee1, Au Cheuk1, Ka-Fai Yim1, Kwok-Lung Tong1, Samuel Ka-Shun Fung1, 1Princess Margaret Hosp, Div Nephrology, Dept Medicine and Geriatrics, Hong Kong, CHINA, 2Princess Margaret Hosp, Microbiology Lab, Dept Pathology, Hong Kong, CHINA.

MP604

INSOMNIA, MUSCULAR CRAMPS AND PRURITUS ARE ABSENT IN HEMODIALYSIS PATIENTS WITH GOOD DIALYSIS EFFICIENCY, LOW INFLAMMATION AND ARTERIOVENOUS FISTULA
Remus Aurel Orasan1, Simona Racasan1, Olga Hilda Orasan2, Ioan Mihai Patiu1, 1Nefromed Dialysis Centers, Nefro-med Dialysis Centers, Cluj-Napoca, ROMANIA, 2Univ Medicine and Pharmacy Iuliu Hatieganu

MP605

PATIENTS REQUIRE SHORT TRAINING TIME FOR HEMODIALYSIS AT HOME IN THE EUROPEAN EXPERIENCE USING NXSTAGE® SYSTEM ONE™
Natalie Borman1, Maxence Ficheux2, Maria F. Slon3, Hafedh Fessi4, Giacomo Colussi5, Loreto Gesualdo6, Loreto Gesualdo6, Maria A. Bajo7, Eric Weinhandl8, 1Queen Alexandra Hosp, Wessex Renal and Transplantation Unit, Portsmouth, UK, 2CHR Clémenceau, Service Néphrologie-Hémodialyse-Transplantation, Caen, FRANCE, 3Hosp Navarra, Servicio Nefrologia, Pamplona, SPAIN, 4Hop Tenon, Service Néphrologie et Dialyses, Paris, FRANCE, 5Niguarda Hosp, Nefrologia & Centro Trapianti Rene, Milano, ITALY, 6Policlinic Univ, Azienda Osp-Univ Consorziale Policlinico, Bari, ITALY, 7Hosp Univ La Paz, Servicio Nefrologia, Madrid, SPAIN, 8Univ Minnesota, College Pharmacy, Dept Pharmaceutical Care and Health Systems, Minneapolis, MN.

MP606

A PREDICTIVE MODEL FOR SUCCESSFUL CONVERSION OF CONTINUOUS RENAL REPLACEMENT THERAPY TO INTERMITTENT HEMODIALYSIS FOR ACUTE KIDNEY INJURY IN CRITICAL ILL PATIENTS
Ji Hyeon Park, Hye Ryoun Jang, Wooseong Huh, Dae Joong Kim, Yoon-Goo Kim, Ha Young Oh, Jung Eun Lee, Samsung Medical Center, Nephrology, Seoul, KOREA.

MP607

IMPACT OF CHOLECALCIFEROL SUPPLEMENTATION ON LONG-TERM SURVIVAL IN HAEMODIALYSIS PATIENTS
Eva Jakopin1, Sebastian Bevc1,2, Robert Ekarz1,2, Breda Pecovnik Balon2, Radovan Hojs1,2, 1Univ Medical Center Maribor, Dept Nephrology, Maribor, SLOVENIA, 2Medical Fac, Univ Maribor, Dept Internal Medicine, Maribor, SLOVENIA, 3Univ Medical Center Maribor, Dept Dialysis, Maribor, SLOVENIA.

MP608

QUALITY OF LIFE AND DISEASE BURDEN IN DIABETIC PATIENTS WITH END STAGE KIDNEY DISEASE ON HAEMODIALYSIS COMPARED TO DIABETIC PATIENTS WITH CHRONIC KIDNEY DISEASE
Chin Hong Ngai, Univ College Cork, School Medicine, Cork, IRELAND.

MP609

SIGNIFICANCE OF T WAVE AMPLITUDE OF AVR LEAD ON PROGNOSIS OF PREVALENT HAEMODIALYSIS PATIENTS
Yuji Sato1, Toshihide Hayashi2, Nobuhiro Joki3, Shouichi Fujimoto3, 1Univ Miyazaki Hosp, Dialysis Div, Miyazaki, JAPAN, 2Toho Univ Ohashi Medical Center, Div Nephrology, Tokyo, JAPAN, 3Fac Medicine, Univ Miyazaki, Dept Hemovascular Medicine and Artificial Organs, Miyazaki, JAPAN.

MP610

IMPACT OF DELIVERED DIALYSIS DOSE ON 1 YEAR MORTALITY OF NONDIABETIC MAINTENANCE HEMODIALYSIS PATIENTS
Ekrem Kara1, Tuncay Sahutoglu2, Elbbs Ahbap2, Tamer Sakaci2, Yener Koc2, Taner Basturk2, Mustafa Sevinc2, Cuneyt Akgoz2, Abdulkadir Unsal2, 1Recep Tayyip Erdogan Univ, Fac Medicine, Nephrology, Rize, TURKEY, 2Sisli Etfal Educational and Research Hosp, Nephrology, Istanbul, TURKEY.

MP611

MORTALITY PATTERNS AMONG INCIDENT PATIENTS ON HEMODIALYSIS AND PERITONEAL DIALYSIS: A COHORT STUDY
Boris Bikkov1,2, Natalia Tomilina2,1, 1A.I.Evdokimov Moscow State Univ Medicine and Dentistry, Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2Academician V.I.Shumakov Federal Research Center Transplantology and Artificial Organs, Dept Nephrology Issues Transplanted Kidney, Moscow, RUSSIAN FEDERATION.

MP612

SELF-REPORTED PHYSICAL ACTIVITY, QUALITY OF LIFE, AND PSYCHOLOGICAL STATUS IN RELATION TO PLASMA 25-HYDROXYVITAMIN D CONCENTRATION IN PREVALENT HEMODIALYSIS PATIENTS
Alija E. Grzegorzecka1, Agnieszka Izdebska2, Leszek Niepolski3, Wojciech Warchol4, Paweł P. Jagodziński5, 1Poznań Univ Medical Sciences, Dept Nephrology, Transplantology and Internal Diseases, Poznań, POLAND, 2Adam Mickiewicz Univ, Inst Psychology, Poznan, POLAND, 3Braun Avitum Poland, Dialysis Center, Nowy Tomyśl, POLAND, 4Poznan Univ Medical Sciences, Dept Biophysics, Poznań, POLAND, 5Poznan Univ Medical Sciences, Dept Biochemistry and Molecular Biology, Poznań, POLAND.
MP613 SCREENING FOR VASCULAR CALCIFICATION IN INCIDENT DIALYSIS PATIENTS IS NOT SYSTEMATICALLY PERFORMED

MP614 THE UTILITY OF WHOLE BODY VIBRATION EXERCISE IN HAEMODIALYSIS PATIENTS: A PILOT STUDY
Arthur Doyle, Karen Chalmers, David Chinn, Nicola Dall, Fiona McNeill, Christopher Grant, NHS Fife, Renal Medicine, Kirkcaldy, UK.

MP615 DETERMINANTS OF BURDEN AND QUALITY OF LIFE IN CAREGIVERS OF DIALYSIS PATIENTS IN A DESCRIPTIVE CROSS SECTIONAL STUDY
Ergini Antonaki, Dimitris Xidakis, Venizeleio, Nephrology, Herakleio, GREECE.

MP616 THE RELATIONSHIP BETWEEN HYPOPHOSPHATEMIA AND OUTCOMES DURING TWO DIFFERENT INTENSITIES OF CONTINUOUS RENAL REPLACEMENT THERAPY RELATIONSHIP BETWEEN HYPOPHOSPHATEMIA AND OUTCOMES DURING TWO DIFFERENT INTENSITIES OF CONTINUOUS RENAL REPLACEMENT T
Ye Na Kim, Yeon Soon Jung, Hark Rim, Ho Sik Shin, Hyun Jeong Kim, Kosin Univ Gaspel Hosp, Internal Medicine, Busan, KOREA.

MP617 THE ROLE OF DEDICATED REUSE MACHINE FOR ANTI HCV POSITIVE PATIENTS IN REDUCING THE INCIDENCE OF HEPATITIS C INFECTION IN HEMODIALYSIS UNIT: A TWO YEAR PROSPECTIVE STUDY
Margaret M. Tjiang1, Agustina Agustina2, Nata P. H. Lugtjo1, Andree Kurniawan1, Hans K. Mulyadi1, 1School Medicine, Pelita Harapan Univ, Internal Medicine, Tangerang, INDONESIA, 2School Medicine, Pelita Harapan Univ, Resident Medical Officer, Tangerang, INDONESIA.

MP618 CLINICAL PREDICTION RULE FOR BACTEREMIA AMONG MAINTENANCE HEMODIALYSIS PATIENTS IN OUTPATIENT SETTINGS
Sho Sasaki1,2, Takeshi Hasegawa1,2,3, Hiroo Kawarazaki4, Hiroki Nishiwaki1, Shingo Fukuma2,1, Yugo Shibagaki5, Shunichi Fukuhara2,1, 1Fukushima Medical Univ, Center Innovative Research for Communities and Clinical Excellence, Fukushima City, JAPAN, 2Kyoto Univ Graduate School Public Health, Dept Healthcare Epidemiology, Kyoto City, JAPAN, 3Showa Univ Fujigaoka Hosp, Div Nephrology, Dept Internal Medicine, Yokohama City, JAPAN, 4Naga Municipal Hosp, Div Nephrology, Dept Internal Medicine, Inagi City, JAPAN, 5St. Marianna Univ School Medicine, Dept Nephrology and Hypertension, Kawasaki City, JAPAN.

MP619 VITAMIN D DEFICIENCY, MORTALITY RISK FACTOR OR MARKER OF POOR HEALTH STATUS IN HEMODIALYSIS PATIENTS
Adalbert Schiller1, Florica Gadalean2, Oana Schiller3, Romulus Timar4, Flaviu Bob2, Dana Stoian5, Adelina Mihasecu2, Bogdan Timar6, 1Univ Medicine and Pharmacy, Nephrology, Timisoara, ROMANIA, 2Victor Babes Univ Medicine and Pharmacy, Nephrology, Timisoara, ROMANIA, 3B Brau Avitum Dialysis Center, Dialysis, Timisoara, ROMANIA, 4Victor Babes Univ Medicine and Pharmacy, Dept Diabetes and Metabolic Diseases, Timisoara, ROMANIA, 5Victor Babes Univ Medicine and Pharmacy, Dept Obstetrics and Gynecology, Timisoara, ROMANIA, 6Victor Babes Univ Medicine and Pharmacy, Dept Medical Informatics and Biostatistics, Timisoara, ROMANIA.

MP620 FORECAST OF THE INCIDENCE, PREVALENCE AND BURDEN OF END-STAGE RENAL DISEASE IN NANJING, CHINA TO THE YEAR 2025
Ling Sun1, Lu-Xi Zou2, Yu-Chen Han1, Bi-cheng Liu1, 1Zhongda Hosp, Southeast Univ, Nephrology, Nanjing, CHINA, 2Xuzhou Central Hosp, Medical College Southeast Univ., Information Management, Xuzhou, CHINA.

MP621 THE GROWING PREVALENCE AND COST OF MAINTENANCE DIALYSIS TREATMENT IN OMAN: REVIEW OF STATISTICAL FIGURES FROM 1983 UNTIL 2013: A RETROSPECTIVE REVIEW
Ruqiya Al-Za’abi1,2, Elizabeth Tolmie1, Ann Marie Ricel1, Nabil Mohsin3, Ahmed Al-Busaidi4, 1Univ Glasgow, Nursing and Health Care School, Glasgow, UK, 2Ministry Health, Nursing, Muscat, OMAN, 3Sultan Qaboos Univ, Medicine and Nephrology, Muscat, OMAN, 4Ministry Health, Medicine and Non-Communicable Diseases, Muscat, OMAN.

MP622 EDUCATIONAL LEVEL IS ASSOCIATED WITH ULTRAFILTRATION RATE, ADHERENCE TO DIETARY RECOMMENDATIONS AND USE OF PHOSPHATE BINDERS IN HEMODIALYSIS PATIENTS
Nikolina Basic-Jukic, Lea Katalinic, Bojan Jelakovic, Univ Hosp Centre Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA.
MP623
MEASURING WELLBEING IN KIDNEY PATIENTS: HOW DO WE DO THAT?
Ellen Versluijs, Dianne van Dongen, Ton van Kooij, Tahnee van der Marel, Maasstadziekenhuis, Dialyse - Nefrologie, Rotterdam, NETHERLANDS.

MP624
THE RISK OF HOSPITIZATION OF DAY-OF-WEEK IN HD AND PD PATIENTS IN 20 YEARS OBSERVATION
Hideki Kawarashi, Masataka Banshodani, Misaki Morishii, Sadanori Shintaku, Tsuchiya General Hosp, Kidney Center, Hiroshima, JAPAN.

MP625
PREDIALYSIS HYPERSONATREMIA AND MORTALITY IN ELDERLY PATIENTS BEGINNING TO UNDERGO DIALYSIS PATIENTS BEGINNING TO UNDERGO DIALYSIS
Ho Jun Chin, Seon Ha Baek, Seoul National Univ Bundang Hosp, Internal Medicine, Seong Nam, KOREA.

MP626
THE SERUM TRIGLYCERIDE TO HIGH-DENSITY LIPOPROTEIN CHOLESTEROL RATIO PREDICTS VASCULAR EVENTS IN PATIENTS WITH END-STAGE RENAL DISEASE ON HEMODIALYSIS
Jin Sung Kim1, Da Rae Kim1, Su Woong Jung1, Ji-Hoon Lee1, Tae Won Lee1, Chun Gyoo Ihm1, Yoo Ho Lee2, Sang Ho Lee2, Yang Gun Kim2, Ju Young Moon2, Kyung Hwan Jeong1, Kyoung Hee Univ Medical Center, Internal Medicine, Seoul, KOREA, 2Kyoung Hee Univ Hosp Gangdong, Internal Medicine, Seoul, KOREA.

MP627
CHRONIC INFLAMMATION AND END-DIALYSIS OVERWEIGHT. A 36 MONTH PROSPECTIVE OBSERVATIONAL STUDY
Ezio Movilli1, Corrado Camerini2, Paola Gaggia2, Roberto Zabani3, Paolo Feller2, Alessandra Pola2, Brunella Valzorizio2, Orsola Carlini, Diana Bertoni3, Bernardo Luca3, Giovanni Cancarini3, IUO Nephrology Spedali Civili and Univ Brescia, Nephrology, Brescia, ITALY, 2Spedali Civili Brescia, Nephrology, Brescia, ITALY, 3Univ Brescia, Nephrology, Brescia, ITALY.

MP628
PREDICTING DEATH ON MAINTENANCE HEMODIALYSIS- A COMPLEX TASK IN PREVALENT ELDERS
Jyotish Gopinathan1,2,3, Ismail Aboobacker2, Benil Haq1,2, Feroz Aziz1,2, Ranjit Narayan1,2, Sajith Narayan2,1IQRAA Hosp, Nephrology, Kozhikode, INDIA, 2MIMS Hosp, Nephrology, Kozhikode, INDIA, 3MIMS Hosp, Nephrology, Kottakkal, INDIA.

MP629
SEXUAL DYSFUNCTION IN HEMODIALYSIS PATIENTS
Zohra El Atti1, Nidhal El Atti2, Naima Atti1, Hanen Mchafal1, Mondher Sbaa1, Hassen Bouzidi1, Tahar Sfar Hosp, Dept Nephrology and Dialysis, Mahdia, TUNISIA, 2Tahar Sfar Hosp, Urology, Mahdia, TUNISIA.

MP630
PATTERNS OF THYROID FUNCTION ABNORMALITIES IN PREVALENT HEMODIALYSIS PATIENTS
Essam Khedr, Walid Bichari, Huseen Sayed, Haitham Ezzat, Ain Shams Univ, Nephrology Dept, Cairo, EGYPT.

MP631
EPIDEMOLOGICAL STUDY OF ESRD IN NANJING: A TEN-YEAR EXPERIENCE IN NEARLY THREE MILLION INSURANCE COVERED POPULATION
Yu-Chen Han1, Han-Ming Huang2, Ling Sun1, Bi-Cheng Liu1, 1Zhongda Hosp, Southeast Univ School Medicine, Inst Nephrology, Nanjing, CHINA, 2Nanjing Municipal Human Resources and Social Security Bureau, Social Insurance Management Center, Nanjing, CHINA.

MP632
NOT EVERYBODY IS CREATED EQUAL: DO WE HAVE A GENDER ISSUE IN THE SWISS DIALYSIS POPULATION?
Rebecca Winzeler, Patrice M. Ambühl, For the Swiss Renal Registry and Quality Assessment Program (srrqap), and Inst Nephrology, Stadtspital Waid, Zurich, SWITZERLAND.

MP633
PREVALENCE AND RISK FACTORS OF HEPATITIS B VIRUS AMONG PREVALENT HEMODIALYSIS PATIENTS IN EGYPT: RETROSPECTIVE STUDY
Essam M. Khedr, Aber H. Attallah, Cherry R. Kamel, Maha A. M. Behairy, Ain Shams Univ, Nephrology, Cairo, EGYPT.

MP634
HAEMODIAFILTRATION RELATIVE INFECTION RISK: A COMPARATIVE ANALYSIS OF TWO DIALYSIS MACHINES
Theoharis Tsobanelis, Norbert Hensel, Maria Kollia, Oliver Sierp, Peter Kurz, Centrum Nephrology and Hypertension (CINH), Frankfurt, GERMANY.
MP635
EFFECT OF HEPATITIS C SEROPOSITIVITY ON COGNITIVE FUNCTIONS IN PREVALENT HEMODIALYSIS PATIENTS
Mohamed A. M. Ibrahim, Hayam A. Heiba, Tarek A. Abdo, 1 Ain Shams Univ, Nephrology, Cairo, EGYPT, 2 Ain Shams Univ, Psychiatry, Cairo, EGYPT.

MP636
UNDERSTANDING PATIENTS’ PERSPECTIVES INFLUENCING PARTICIPATION WITHIN EQUAL STUDY IN UK: A QUALITATIVE STUDY
Anirudh Rao, Fergus Caskey, Yoav Ben-Shlomo, Lucy Biddle, 1 UK Renal Registry, Bristol, UK, 2 Univ Bristol, School Social and Community Medicine, Bristol, UK.

MP637
REDUCED ALBUMIN FUNCTION IS ASSOCIATED WITH INCREASED MORTALITY IN END STAGE RENAL DISEASE
Daniel Schodrok, Helga Weiss-Reining, Reinhard Schodrok, Bernd Gohlke, Raimar Steinbeck, Sebastian Koball, Roland Winckler, Sebastian Klammert, Steffen Mitzner, 1 Univ Rostock, Dept Nephrology, Rostock, GERMANY, 2 MVZ Schwerin West, Nephrology, Schwerin, GERMANY, 3 MVZ Hagenow, Nephrology, Hagenow, GERMANY, 4 Praxisverbund Dialyse und Apherese Rostock, Nephrology, Rostock, GERMANY.

MP638
THE DURATION OF DIALYSIS AFFECTS CENTRAL CHOROIDAL THICKNESS IN DIALYSIS PATIENTS
Aysegul Oruc, Sertac A. Kivanc, Berna A. Budak, Abdurhmet Yildiz, Yavuz Ayar, Berkant Kaderli, Ahmet A. Yucel, Alparslan Ersoy, 1 Uludag Univ, Nephrology, Bursa, TURKEY, 2 Uludag Univ, Ophthalmology, Bursa, TURKEY.

MP639
FRAILTY, SURPRISE QUESTION AND MORTALITY IN A HEMODIALYSIS COHORT: QUESTION AND MORTALITY IN A HEMODIALYSIS COHORT
Jimenez Maria Carmen, Polanco Santiago, Davin Elena, Sanchidrian Silvia, Marin Jesus Pedro, Labrador Pedro Jesus, Sanchez Jose Maria, Castellano Ines, Gomez-Martino Juan Ramon, H. San Pedro de Alcantara, Nefrologia, Caceres, SPAIN.

MP640
PREDICTORS OF QOL IN INDIAN PATIENTS ON MAINTENANCE HEMODIALYSIS PATIENTS
Saravanan Thangavelu, Abirami Kidney Centre, Nephrology, Erode, INDIA.

MP641
IMPACT OF REDUCING SALT CONTENT OF MEALS CONSUMED DURING HEMODIALYSIS SESSIONS ON HEMODYNAMIC STABILITY AND INTERDIALYTIC WEIGHT GAIN
Anita Brinkley, Sofia Guimaraes, Nadia Ammor, Michel Burnier, Menno Pruijm, Univ Hosp Lausanne (CHUV), Nephrology, Lausanne, SWITZERLAND.

MP642
PREVALENCE AND INCIDENCE OF HEPATITIS C VIRUS IN HEMODIALYSIS PATIENTS IN THE PERIOD OF 2007-2015
Nejra Prohic, Fahrudin Masnic, Halima Resic, Univ Clinical Center Sarajevo, Clinic Hemodialysis, Sarajevo, BOSNIA AND HERZEGOVINA.

MP643
INFECTIVE ENDOCARDITIS IN CHRONIC HEMODIALYSIS PATIENTS - SINGLE CENTER EXPERIENCE
Ariana Azevedo, Vasco Fernandes, Fernando Nolasco, Hosp Curry Cabral - Centro Hosp Lisboa Central, Nephrology, Lisbon, PORTUGAL.

MP644
NUTRITION, INFLAMMATION AND SURVIVAL OF CHRONIC HEMODIALYSIS PATIENTS
Irmante Stramaityte, Andrejas Bura, Ruta Vaiciuniene, Edita Ziginskien, Vytautas Kuzminskis, Inga A. Bublyte, Lithuanian Univ Health Sciences, Nephrology, Kaunas, LITHUANIA.

MP645
ONLINE HEMODIAFILTRATION REDUCES BISPHENOL A
Borja Quiroga, Ricardo J. Bosch, Marta Sanchez, Ruth Fiallos, Nuria Olea-Herrero, Pilar Lopez-Aparicio, Carmen Munoz-Moreno, Miguel Angel Perez-Alvarano, Gabriel de Arriba, 1 Hosp Univ Guadalajara, Nephrology, Guadalajara, SPAIN, 2 Physiology Unit, Lab Renal Physiology and Experimental Nephrology, Dept Systems Biology, Madrid, SPAIN.

MP646
DIFFERENCES OF CLINICAL AND VASCULAR PARAMETERS BETWEEN DIPPERS AND NON-DIPPLERS IN PATIENTS WITH MAINTENANCE HEMODIALYSIS
Su-Hyun Kim, Ky Hyun Park, Jin Ho Hwang, Hyangkyoung Kim, Cheul Hong Min, 1 Chung-Ang Univ, Dept Internal Medicine, Seoul, KOREA, 2 Hwang1, Dept Internal medicine, Seoul, KOREA, 3 Chung-Ang Univ, Dept Surgery, Seoul, KOREA, 4 Sungae Hosp, Dept Internal Medicine, Seoul, KOREA.
MP647
OUTCOMES OF HEMODIALYSIS PATIENTS WITH MERS-COV EXPOSURE IN KOREA
Young-Ki Lee1, Ajin Cho1, Jong-Woo Yoon1, Hee Jung Jeon1, Ji Won Ryu1, Jung-Woo Noh1, Yoo Jin Choi1, Eun Ji Bae1, Eun Yi Kim1, Da-Wun Jeong2, Yang-Gyun Kim2, Sang-Ho Lee2, Chang-Hee Lee3, Kyung Don Yoo4, 1Hallym Univ College Medicine, Internal Medicine, Seoul, KOREA, 2Kyung Hee Univ Kangdong, Nephrology, Seoul, KOREA, 3Gangneung Medical Center, Anesthesiology, Gangneung, KOREA, 4Dongguk Univ Medical Center, Internal Medicine, Gyeongju, KOREA.

MP648
ACHIEVEMENT RATIO OF SERUM LIPID MANAGEMENT GOALS IN LONG-TERM CHRONIC HEMODIALYSIS PATIENTS FOR OVER 30 YEARS
Takayasu Taira1, Go Oda1, Koichi Azuma1, Toru Takemura1, Tetsuo Chiba1, Tsutomu Hirano2, 1Yokohama Dai-ichi Hosp, Nephrology, Yokohama, JAPAN, 2Showa Univ School Medicine, Diabetes, Metabolism and Endocrinology, Tokyo, JAPAN.

MP649
ANCA-ASSOCIATED VASCULITIS IN END STAGE RENAL DISEASE
Song Wang, Yue Wang, Peking Univ Third Hosp, Nephrology, Beijing, CHINA.

MP650
NON OCCLUSIVE MESENTERIC ISCHEMIA IN HEMODIALYSIS PATIENTS. RESULTS OF MANAGED CONSERVATIVELY
Juan Carlos Herrero, Rosa Camacho, Carmen Mon, Milagros Ortiz, Zsofia Baranyi, Olimpia Ortega, Isabel Rodriguez Villarreal, Paloma Gallar, Hosp Severo Ochoa, Nephrology, Leganes (Madrid), SPAIN.

MP651
COFFEE CONSUMPTION IN HEMODIALYSIS PATIENTS: HOW MANY?
Cristina Garagarza, Cristina Caetano, Sandra Ribeiro, Telma Oliveira, Ana Valente, Nephrocare, Nutrition, Lisbon, PORTUGAL.

MP652
THE IMPACT OF DIFFERENT GROUPS OF FATIGUE ON RECOVERY TIME AFTER HEMODIALYSIS SESSIONS
Elena Babalj Banskolieva, Risto Grozdanovski, Katerina Spaseska, Aleksandra Parmakovska, Marko Ilievski, Special Hosp Nephrology and Dialysis DIAMED Skopje, Dialysis, Skopje, F.Y.R. OF MACEDONIA.

MP653
ANALYSIS FOR RISK FACTORS AND CLINICAL MANIFESTATION OF HYPMAGNESEMA IN HEMODIALYSIS PATIENTS
Xiaolei Chen1, Lin Chen2, 1West China Hosp, Nephrology, Chengdu, CHINA, 2West China Hosp, Sichuan Univ, Nephrology, Chengdu, CHINA.
MP654
INTRAVENTOUS IRON ADMINISTRATION ENHANCES OXIDATIVE STRESS IN HEMODIALYZED PATIENTS
Francesco Reggiani1, David Cucchiari1, Emanuela Morenghi2, Claudio Angelini1, Silvia Finazzi1, Salvatore Badalamenti1, Humanitas Clinical And Research Center, Nephrology and Dialysis, Rozzano (MI), ITALY, 2Humanitas Clinical And Research Center, Biostatistics, Rozzano (MI), ITALY.

MP655
PERITONEAL (PD) OR HEMODIALYSIS (HD) - DIALYSIS VINTAGE DEPENDENT COMPARISON OF BODY COMPOSITION, HYDRATION AND NUTRITION.
Krzysztof Hoppe1, Krzysztof Schwermer1, Anna Kawka1, Patrycja Klysz2, Ewa Baum3, Dorota Radziszewska1, Bengt Lindholm4, Krzysztof Pawlaczky1, Andrzej Oko1, Poznan Univ Medical Sciences, Dept Nephrology, Transplantology and Internal Medicine, Poznan, POLAND, 2Poznan Univ Medical Sciences, Pathophysiology, Poznan, POLAND, 3Poznan Univ Medical Sciences, Philosophy and Bioethics, Poznan, POLAND, 4Karolinska Inst, Clinical Science, Intervention and Technology, Stockholm, SWEDEN.

MP656
AGE RELATED DIFFERENCES IN THE HYDRATION, NUTRITIONAL STATUS AND ARTERIAL STIFFNESS IN MAINTENANCE HEMODIALYSIS PATIENTS
Zeynep Bal1, Ruya Oxelsancak2, Gultekin Genctoy3, Oznur Kal4, Emre Tutal1, Siren Sezer1, Baskent Univ Fac Medicine, Nephrology, Ankara, TURKEY, 2Baskent Univ Fac Medicine, Nephrology, Adana, TURKEY, 3Baskent Univ Fac Medicine, Nephrology, Alanya, TURKEY, 4Baskent Univ Fac Medicine, Nephrology, Konya, TURKEY.

MP657
INTRADIALYTIC PARENTERAL NUTRITION AS FIRST CHOICE TREATMENT IN PROTEIN-ENERGY WASTING HEMODIALYSIS PATIENTS
Marco Righetti, Ferruccio Conte, Mario Prencipe, Nicola Palmieri, Francesca Stefani, Karen Amar, Antonella Di Giacomo, Alfio Scala, Oscar Bracchi, Uboldo Hosp, Renal Unit, Cernusco s/N (Milano), ITALY.

MP658
RECENT HAEMODIALYSIS INDUCES FASTING STATE DURING HAEMODIALYSIS IN PATIENTS WITH DIABETES MELLITUS
Masako Fujiwara1, Itio Ando2, Hiroshi Sato2, Keisuke Sato3, Yutaka Imai2, Tohoku Univ, Graduate School Pharmaceutical Sciences, Sendai, JAPAN, 2Tohoku Univ, School Pharmaceutical Sciences, Sendai, JAPAN, 3Koujinkai Hosp, Nagamachi Clinic, Sendai, JAPAN.

MP659
EFFECTS OF SERTALINE ON C-REACTIVE PROTEIN IN HEMODIALYSIS PATIENTS WITH DEPRESSION
Narges S. Zahed, Shahid Beheshti Univ, Nephrology, Tehran, IRAN.

MP660
LONGITUDINAL INFLUENCE OF THE EXTRACELLULAR WATER (ECW) / TOTAL BODY WATER (TBW) RATIO ON PROTEIN-ENERGY WASTING (PEW) IN PATIENTS WITH STAGE 5 CHRONIC KIDNEY DISEASE (CKD)
Anastasia Markaki1, Periklis kyriazis2, Athanasios Rizos3, Vasilis Zafiropulos1, Stamatia Skoulikidik1, Marieta Pateinoti4, Kostas Stylianou5, John Kyriazis3, 1Technological Educational Inst Crete, Dept Nutrition and Dietetics, Sifia, GREECE, 2Transplant Inst, Beth Israel Deaconess Medical Center, Medicine, Boston, MA, 3General Hosp Chios, Nephrology, Chios, GREECE, 4General Hosp Chios, Internal Medicine, Chios, GREECE, 5Univ Hosp Heraklion, Crete, Nephrology, Heraklion, GREECE.

MP661
ELEVATED PLASMA CYCLOPHILIN A IN HEMODIALYSIS AND PERITONEAL DIALYSIS PATIENTS: A NOVEL LINK TO SYSTEMIC INFLAMMATION AND CARDIOVASCULAR DISEASE
Kyubok Jin1, Nosratola D Vaziri2, Yaerim Kim1, Seong Sik Kang1, Woo Yeong Park1, Seungyeup Han1, Sung Bae Park1, Sihyung Park1, Jeongsoo Yoon4, 1Keimyung Univ School Medicine, Internal Medicine, Daegu, KOREA, 2Univ California, Irvine, Div Nephrology and Hypertension, Irvine, CA, 3Univ Hosp Heraklion, Internal Medicine, Busan, KOREA, 4Yoon’s Internal Medicine Clinic, Internal Medicine, Daegu, KOREA.

MP662
PROTEOMIC AND BIOCOMPATIBILITY OF MEMBRANES FOR DIALYSIS
Vittorio Siroli1, Paolo Felaco1, Federica Giunta1, Nicola Spetrino1, Lorenzo Di Liberato2, Luisa Pieroni3,4, Maurizio Ronci5, Andrea Urbani3,4, Mario Bonomin1, 1Univ G.d’Annunzio Chieti-Pescara, Dept Medicine, Chieti, ITALY, 2SS. Annunziata Hosp, Nephrology & Dialysis, Chieti, ITALY, 3Tor Vergata Univ, Dept Surgery and Experimental Medicine, Rome, ITALY, 4S.Lucia Foundation, Proteomics and Metabonomics Laboratory, Rome, ITALY, 5Univ G.d’Annunzio Chieti-Pescara, Dip Scienze Mediche, Orali e Biotecnologiche, Chieti, ITALY.
MP663
RELATIONSHIP BETWEEN ARTERIAL STIFFNESS AND GAMMA-GLUTAMYL TRANSFERASE VALUES IN CHRONIC HEMODIALYSIS PATIENTS
Andrei Niculae1,2, Daniela Radulescu3,2, Flavia Turcu1,2, Cristiana David1,2, Ileana Peride1,2, Ionel Alexandru Cherchita1,2, 1Carol Davila Univ Medicine and Pharmacy

MP664
PREVALENCE OF FRAILTY AND ITS ASSOCIATION WITH QUALITY OF LIFE, CLINICAL AND BIOCHEMICAL MARKERS IN END-STAGE RENAL DISEASE PATIENTS UNDER DIALYSIS
Verónica Poveda1, Ricardo Ferreira2, Joana Lourenço3, Angélica Poveda4, Madalena Filgueiras5, Vasco Miranda5, Leticia Teixeira6, Alice Santos-Silva7, Constança Paul8, Elísio Costa9, Abel Salazar Biomedical Sciences Inst, Univ Porto, Univ Santa Elena, La Libertad, Porto, PORTUGAL, 2Fac Pharmacy, Univ Porto, Dept Biological Sciences, Porto, PORTUGAL, 3USF Pedras Rubras, Maia, PORTUGAL, 4Univ Guayaquil, Guayaquil, ECUADOR, 5Dialysis Clinic Gondomar, Gondomar, PORTUGAL, 6Univ Porto, CINTESIS - Center Health Technology and Services Research (CINTESIS) and Abel Salazar Biomedical, Porto, PORTUGAL, 7Univ Porto, UCIBIO, REQUIMTE and Fac Pharmacy, Porto, PORTUGAL, 8Univ Porto, Center Health Technology and Services Research (CINTESIS) and ICBAS, Porto, PORTUGAL, 9UCIBIO, REQUIMTE and Fac Pharmacy, Univ Porto, Portugal, Biological Sciences, Porto, PORTUGAL.

MP665
BODY MASS COMPOSITION TOGETHER WITH BIOCHEMICAL DATA MIRROR FUNCTIONAL RESERVE AND PREVENT FRAILITY IN DIALYSIS PATIENTS
Bojan Knap, Zeljka Halter, Karmen Romozzi, Andreja Marn, Jakob Gubensek, Jadranka Buturovic-Ponikvar, Univ Clinical Center, Nephrology, Ljubljana, SLOVENIA.

MP666
INFLAMMATION DOWN REGULATES CYTOCHROME P450 MEDIATED DRUG METABOLISM IN HEMODIALYSIS PATIENTS
Hadi Molanaei1, Abdul Rashid Qureshi1, Olof Heimbürger1, Bengt Lindholm1, Ulf Diczfalusy2, Björn Anderstam1, Leif Bertilsson3, Peter Stenvinkel1, Jakob Gubensek, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Dept Clinical Science, Intervention and Technology, Stockholm, SWEDEN, 2Karolinska Inst, Div Clinical Chemistry Dept Lab Medicine, Stockholm, SWEDEN, 3Karolinska Inst, Div Clinical Pharmacology, Dept Lab Medicine, Stockholm, SWEDEN.

MP667
RELATIONSHIP BETWEEN MALNUTRITION INFLAMMATION SCORE, OVERHYDRATION AND ARTERIAL STIFFNESS IN HEMODIALYSIS PATIENTS
Zeynep Bal1, Emre Tutal1, Ruya Ozelsancak2, Gultekin Genctoy3, Bahar Gurlek Demirci1, Siren Sezer1, 1Baskent Univ Fac Medicine, Nephrology, Ankara, TURKEY, 2Baskent Univ Fac Medicine, Nephrology, Adana, TURKEY, 3Baskent Univ Fac Medicine, Nephrology, Alanya, TURKEY.

MP668
ACCMULATION OF PLASMA PENTOSIDINE IN HEMODIALYSIS PATIENTS IS ASSOCIATED WITH DETERIORATION OF NUTRITIONAL STATUS
Hiroshi Ogawa1, Toshimitsu Koga1, Yoshihiro Ohta1, Yoko Kojima1, Keiko Hiraga2, Azumi Sato3, 1Shinseikai Dai-ichi Hosp, Dept Internal Medicine, Nagoya, JAPAN, 2Shinseikai Dai-ichi Hosp, Dept Clinical Nutrition, Nagoya, JAPAN, 3Bio Dynamics Research Inst Shinseikai Foundation, Reseach Inst, Nagoya, JAPAN.

MP669
BIOIMPEDANCE SPECTROSCOPY ANALYSIS A SIMPLY PERFORMING METHOD FOR PEW MONITORING ON ONLINE HDF
Marina Savin1, Mirjana Popovic2, Rajko Hrvacevic3, 1Univ Belgrade School Medicine, Nephrology Clinic Center Serbia, Belgrade, SERBIA, 2Fresenius Medical Care, Special Hosp Haemodialisis, Belgrade, SERBIA, 3Special Hosp Haemodialysis, Fresnious Medical Care, Belgrade, SERBIA.

MP670
OXIDATIVE STRESS CAN PREDICT MORTALITY IN PATIENTS UNDERGOING HEMODIALYSIS
Young Rim Song1, Sung Gyun Kim2, 1Hallym Univ College Medicine, Dept Internal Medicine, Anyang-si, KOREA, 2Hallym Univ Sacred Heart Hosp, Dept Internal Medicine, Anyang-si, KOREA.

MP671
EVALUATION OF NUTRITIONAL STATUS AND CLINICAL OUTCOME OF CHRONIC HEMODIALYSIS PATIENTS ACCORDING TO NRS 2002
Albana Gjyzari1, Alketa Koroshi1, Ilijan Gjyzari2, 1Univ Hosp Center Nene Tereza, Nephrology Dialysis Transplantation, Tirana, ALBANIA, 2Compulsory Health Insurance Fund, Directorate Primary Health Care, Tirane, ALBANIA.

MP672
THE INFLUENCE FOR ADIPOCYTOKINE IN ELDERLY PATIENTS OF NON-DIABETIC WITH DIFFERENT GLUCOSE CONCENTRATIONS REPLACEMENT FLUID FOR CONTINUOUS HEMOFILTRATION
Mingxu Li, Navy General Hosp, Nephrology, Beijing, CHINA.
ANTHROPOMETRIC PARAMETERS AND INFLAMMATORY MARKERS IN HEMODIALYSIS PATIENTS
Crina-Claudia Rusu1, Simona Racasan2, Alexandra Joia1, Ina Kacso1, Diana Moldovan1, Alina Potra1, Laura Motocu1, Remus Orasan2, Cristian Budurea2, Ioan Patiu2, Dan Vladutiu1, 1Univ Medicine and Pharmacy Iuliu Hatieganu

POLYMORPHISMS OF THE ELANE GENE PROMOTER REGION IN END-STAGE CHRONIC KIDNEY DISEASE PATIENTS
Rafael Fernandes1, Bruno Freitas1, Vasco Miranda2, Elissio Costa1, Alice Santos-Silva1, Elsa Bronze-Rocha1, 1UCIBIO, Fac Pharmacy, Univ Porto, Dept Biological Sciences, Porto, PORTUGAL, 2Nephrocare Portugal, SA - Nephrocare Maia, Maia, PORTUGAL.

THE PREDICTIVE VALUE OF MALNUTRITION - INFLAMMATION SCORE ON 1 YEAR MORTALITY IN MAINTENANCE HEMODIALYSIS PATIENTS
Ekrem Kara1, Tuncay Sahutoglu2, Elbis Ahbap2, Tamer Sakaci2, Yener Koc2, Taner Basturk2, Mustafa Sevinc2, Cuneyt Akgol2, Abdulkadir Ursal2, 1Recep Tayyip Erdogan Univ, Fac Medicine, Internal Medicine, Nephrology, Rize, TURKEY, 2Sisli Etfal Educational and Research Hosp, Nephrology, Istanbul, TURKEY.

THE ROLE OF AGE ON NUTRITIONAL STATUS AND WATER BALANCE IN HEMODIALYSIS PATIENTS
Lucia Del Vecchio1, Valeria Aicardi2, Selena Longhi1, Chiara Ravasi1, Elisabetta Cimadoro1, Monica Bordoli1, Vincenzo La Milia1, Giuseppe Pontoriero1, 1A Manzoni Hosp, Nephrology and Dialysis, Lecco, ITALY, 2Clinica Alemana, Nephrology and Dialysis, Santiago, CHILE.
MP677
EFFECTS OF CONVERSION FROM TACROLIMUS TO CYCLOSPORIN ON GLUCOSE METABOLISM AND GRAFT FUNCTION IN NEW ONSET DIABETES AFTER TRANSPLANTATION
Thekkepuphiyottil Noushad, Medical College Kozhikode, Nephrology, Calicut, INDIA.

MP678
COGNITION IN KIDNEY TRANSPLANT RECIPIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Philip Masson1, Sunny Wu2, Fiona A. I. Duthie3, Patrick Kelly1, Jonathan C. Craig1, David Gillespie4, Daniel Parker5, Suetsuna Palmer6, William Whiteley7, Angela C. Webster1, 1University Sydney, School Public Health, Sydney, AUSTRALIA, 2University Edinburgh, Dept Renal Medicine, Edinburgh, UK, 3University Edinburgh, Dept Clinical Neuropsychology, Edinburgh, UK, 4University Western Australia, Dept Clinical Neuropsychology, Perth, AUSTRALIA, 5University Otago, Dept Medicine, Christchurch, NEW ZEALAND, 6University Edinburgh, Centre Brain Science, Edinburgh, UK.

MP679
RENAL TRANSPLANTATION IN AVERAGE SENSITIZED RECIPIENTS
Alexey Zulkarnaev, Andrey Vatazin, Alexander Kildushhevsky, Veronika Fedulkina, Vadim Stepanov, M.F Vladimirsky Moscow Regional Research Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

MP680
ALLOGRAFT HISTOLOGY IN PATIENTS WITH TRANSPLANTATION VINTAGE LONGER THAN 20 YEARS; TREMENDOUS EFFECTS OF DONOR AGE
Tomoko Namb1, Masahiro Kyo2, Takayuki Hamano3, Yutaka Yamaguchi4, Yoshitaka Isaka1, Shiro Takahara5, 1Osaka Univ Graduate School Medicine, Dept Nephrology, Suita, JAPAN, 2Sakurabashi Iseikai Clinic, Dialysis center, Osaka, JAPAN, 3Osaka Univ Graduate School Medicine, Comprehensive Kidney Disease Research, Suita, JAPAN, 4Yamaguchi's Pathology Laboratory, Pathology, Matsudo, JAPAN, 5Osaka Univ Graduate School Medicine, Advanced Technology Transplantation, Suita, JAPAN.

MP681
BRAIN LESION BIOPSY AFTER RENAL TRANSPLANT: A REVIEW OF 13 CASES
Pedro Campos1, Laila Vana2, 1Hosp Prof. Doutor Fernando Fonseca, Nephrology, Amadora, PORTUGAL, 2Hosp do Rim, Transplantation, São Paulo, BRAZIL.

MP682
ACUTE KIDNEY INJURY OCCURRING IN THE FIRST YEAR AFTER TRANSPLANTATION-ITS CAUSES AND INFLUENCES ON GRAFT FUNCTION
Nusa Avgustin, Andrej Skoberne, Damjan Kovac, Jelka Lindic, Univ Medical Centre Ljubljana, Dept Nephrology, Ljubljana, SLOVENIA.

MP683
RENAL BIOMARKERS PREDICT KIDNEY GRAFT FUNCTION AFTER DECEASED DONOR TRANSPLANTATION
Marie Bodilsen Nielsen1,2, Nicoline V. Krogstrup1,2, Bente Jespersen1, Henrik Birn1, Aarhus Univ Hosp, Dept Renal Medicine, Aarhus N, DENMARK, 2Aarhus Univ, Dept Clinical Medicine, Aarhus, DENMARK.

MP684
EARLY POST RENAL TRANSPLANT HYPOPHOSPHATEMIA
Shahrzad Ossareh1, Maryam Ghorbani1, Maryam Hoseini1, Maryam Pourmoezabadi1, Mohammadreza Nasiri2, 1Hasheminejad Kidney Center- Iran Univ Medical Sciences, Medicine- Nephrology Section, Tehran, IRAN, 2Hasheminejad Kidney Center- Iran Univ Medical Sciences, Immunology, Tehran, IRAN.

MP685
THE UPTAKE OF 18F-FDG BY RENAL ALLOGRAFT IN KIDNEY TRANSPLANT RECIPIENTS IS NOT INFLUENCED BY RENAL FUNCTION
Alexandre Jadoul1, Pierre Lovinfosse1, Laurent Weekers2, Pierre Delanaye2, Jean-Marie Krzesinski2, Roland Hustinx1, Francois Jouret2, 1Univ Liege Hosp (ULg CHU), Nuclear Medicine, Liege, BELGIUM, 2Univ Liege Hosp (ULg CHU), Nephrology, Liege, BELGIUM.

MP686
RELATIONSHIP BETWEEN COMPONENTS OF EXTENDED CRITERIA DONOR AND THE FIRST POST-TRANSPLANT KIDNEY GRAFT RESISTANCE INDEX, MEASURED BY DOPPLER SONOGRAPHY
Aureliusz Kolonk01, Jerzy Chudek2, Andrzej Więcek1, 1Medical Univ Silesia, Dept Nephrology, Transplantology and Internal Medicine, Katowice, POLAND, 2Medical Univ Silesia, Pathophysiology, Katowice, POLAND.
MP687
SUCCESSFUL COST EFFECTIVE PREVENTION OF CYTOMEGALOVIRUS DISEASE IN KIDNEY TRANSPLANT RECIPIENTS USING LOW DOSE VALGANCICLOVIR
Osama Gheith1, Torki Al Otaibi2, Medhat A Halim2, Hany Mansour2, Hany Mansour2, Ahmed Mosaad2, Hasanein Attila2, Zakaria Elsayed2, Zakaria Elsayed2, Tarek Said2, Tarek Said2, Prasad Nair2, Prasad Nair2, Naryanan Nampoory2, Naryanan Nampoory2, 1MUNC, Nephrology, Kuwait, KUWAIT, 2OTC, Nephrology, Kuwait, KUWAIT.

MP688
MARGINAL DONORS WITH DIABETIC NEPHROPATHY: WORSE OUTCOMES?
David Navarro, Ana Carina Ferreira, Patricia Cotovio, Fernando Caeiro, Cecilia Silva, Ines Aires, Francisco Remedio, Anibal Ferreira, Helena Viana, Fernanda Carvalho, Fernando Nolasco, Curry Cabral Hosp, Nephrology, Lisboa, PORTUGAL.

MP689
EFFICACY AND SAFETY OF LOW DOSE VERSUS HIGH DOSE VALGANCICLOVIR FOR PREVENTION OF CYTOMEGALOVIRUS DISEASE IN INTERMEDIATE RISK KIDNEY TRANSPLANT RECIPIENTS
Medhat Abdel Halim, Torki Al-Otaibi, Osama Gheith, Hany Adel, Ahmed Mosaad, Hassaneen Abu-Atteya, Zakaria Zakaria, Yahia Makkeya, Tarek Said, Prasad Nair, MRN Nampoory, Ibn Sina Hosp, Medical, Kuwait, KUWAIT.

MP690
ERITHROCYTOSIS AFTER KIDNEY TRANSPLANT: PREVALENCE AND PROGNOSIS
Pedro Campos1, Laila Vana2, Jose Pedro Zampieri Filho3, 1Hosp Prof. Doutor Fernando Fonseca, Nephrology, Amadora, PORTUGAL, 2Hosp do Rim, Transplantation, Sao Paulo, BRAZIL, 3UNIFESP, Hematology, Sao Paulo, BRAZIL.

MP691
DELAYED RELEASE CYSTEAMINE IN NEPHROPATHIC CYSTINOSIS PATIENTS AFTER RENAL TRANSPLANT: A SUBGROUP ANALYSIS
Paul Grimm1, Craig Langman2, Pierre Cochat3, Denis Morin4, Elizabeth Cornelissen5, Georges Deschenes6, Ewa Elenberg7, Larry Greenbaum8, Patrick Niaudet9, Gregg Checani10, 1Stanford Univ School Medicine, Pediatric Nephrology, Stanford, CA, 2Ann & Robert H. Lurie Children’s Hosp Chicago, Pediatrics, Chicago, IL, 3Univ Lyon, Pediatrics, Lyon, FRANCE, 4Univ Montpellier, Pedriatrique, Montpellier, FRANCE, 5Radboud Unv, Pediatric Nephrology, Nijmegen, NETHERLANDS, 6Hop Robert Debre, Pediatrics, Paris, FRANCE, 7Baylor College Medicine, Pediatrics, Houston, TX, 8Emory Univ, Pediatrics, Atlanta, GA, 9Hop Necker, Pediatric Nephrology, Paris, FRANCE, 10Raptor Pharmaceuticals, Medical Affairs, Novato, CA.

MP692
EVALUATION OF SPECIFIC T CELL RESPONSES PRIOR KIDNEY TRANSPLANTATION: USEFUL TOOL FOR REJECTION PREDICTION?
Lucia Stranavova1, Petra Kruba1, Eva Girmannova1, Irena Tycova1, Antonij Slavcev2, Jiri Fronek3,4, Hans-Dieter Volk5, Petra Reinke6, Ondrej Viklicky1,4,7, 1Inst Clinical and Experimental Medicine, Transplant Lab, Prague, Czech Republic, 2Inst Clinical and Experimental Medicine, Dept Immunogenetics, Prague, Czech Republic, 3Inst Clinical and Experimental Medicine, Transplant Surgery Dept, Prague, Czech Republic, 4Inst Clinical and Experimental Medicine, Transplant centre, Prague, Czech Republic, 5Charité Univ Medicine, Inst Medical Immunology, Berlin, Germany, 6Charité Univ Medicine, Dept Nephrology and Intensive Care Medicine, Berlin, Germany, 7Inst Clinical and Experimental Medicine, Nephrology Dept, Prague, Czech Republic.

MP693
DOUBLE FILTRATION PLASMAPHERESIS AND THERAPEUTIC PLASMA EXCHANGE: EFFICACY AND SAFETY IN THE TREATMENT OF RENAL GRAFT ANTIBODY MEDIATED REJECTION
Alexey Zulkarnaev, Andrey Vatazin, Vadim Stepanov, M.F Vladimirsky Moscow Regional Research Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

MP694
RECOVERY OF KIDNEY ALLOGRAFT FUNCTION AFFECTS MarkERS FOR COLLAGEN TYPE III and VI TURNOVER
Daniel K. Goldager1, Federica Genovesi1, Morten Karsdal1, Shengiang Xia2, Martin Tepel3, 1Nordic Bioscience, Nordic Bioscience, Copenhagen, Denmark, 2Univ Southern Denmark, Inst Molecular Medicine, Odense, Denmark, 3Oddense Univ Hosp, Nephrology, Odense, Denmark.

MP695
RECURRENT GLOMERULAR DISEASES AND ALLOGRAFT REJECTION
Yasar Caliskan1, Yagmur Goksoy1, Sibel Gulceck2, Safak Mirigol2, Irem Sarihan1, Erol Demir1, Nurhan Seyahi2, Mehmet R. Altiparmak2, Mehmet S. Sever1, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 2Istanbul Univ, Cerrahpasa Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.
Held jointly with
Österreichische Gesellschaft für Nephrologie

SMOKING EXPOSURE AMONG KIDNEY ALLOGRAFT RECIPIENTS AND OUTCOMES AFTER TRANSPLANT
Holly Gillott1, Francesca Jackson-Spence1, Sanna Tahir1, Felicity Evison2, Jay Nath3, Adnan Sharii3, 1Univ Birmingham, College Medical and Dental Sciences, Birmingham, UK, 2Queen Elizabeth Hosp, Informatics, Birmingham, UK, 3Queen Elizabeth Hosp, Nephrology and Transplantation, Birmingham, UK.

CARDIOVASCULAR ASSESSMENT BEFORE KIDNEY TRANSPLANTATION
Robin Ramphuhl1, Maria Fernandez1, Sam Firooz2, Juan C. Kaski2, Rajan Sharma2, Debasish Banerjee1, 1St. Georges Univ Hosp NHS Foundation Trust, Renal and Transplantation Unit, London, UK, 2St. Georges Univ Hosp NHS Foundation Trust, Cardiology Clinical Academic Group, London, UK.

ALLOCATION STRATEGY FOR KIDNEY ALLOGRAFTS TO PREVENT ANTIBODY MEDIATED REJECTION
Alena Konarikova, Ondrej Viklicky, Inst Clinical and Experimental Medicine, Nephrology Dept, Prague, CZECH REPUBLIC.

GRAFT SURVIVAL IN KIDNEY TRANSPLANT EXPANDED CRITERIA DONORS: ANALYSIS OF TWO PERIODS
Veronica Lopez, Mercedes Cabello, Pedro Ruiz, Juana Alonso, Domingo Hernandez, H.R.U Carlos Haya, Nephrology, Malaga, SPAIN.

IMPACT OF PRE-EXISTING DIABETES MELLITUS TYPE 2 AND POST-TRANSPLANT HBAIC IN KIDNEY TRANSPLANTATION
Fabian Halleck1, Dmytro Khadzhynov2, Anna Kleinsteuber2, Eva Schrenzemeier2, Lukas Lehner2, Michael Dürr2, Klemens Budde2, Oliver Steeck2, 1Charité Campus Mitte, Nephrology, Berlin, GERMANY, 2Charité Universitätsmedizin Berlin, Nephrology, Berlin, GERMANY.

PREDICTIVE FACTORS OF EARLY GLOMERULITIS IN KIDNEY TRANSPLANT
Maria Khрабrova1, Alexander Nabokow2, Hermann-Josef Groene3, Volker Klem2, Alexey Smirnov1, Vladimir Dobronravov1, 1First Saint-Petersburg Pavlov State Medical Univ, Research Inst Nephrology, Saint-Petersburg, RUSSIAN FEDERATION, 2Nephrology Center Lower Saxony, Nephrology, Hann Muenden, GERMANY, 3German Cancer Research Center, Dept Cellular and Molecular Pathology, Heidelberg, GERMANY.

ACUTE KIDNEY INJURY AS DELAYED GRAFT FUNCTION IN DONATION AFTER CIRCULATORY DEATH KIDNEY TRANSPLANTATION: UK SINGLE CENTRE STUDY
Ilaria Umbro1,2, Anna Paola Mitterhofer2, Francesca Tinti1,2, Felicity Evison3, James Ferguson1, Paolo Muesian1, Adnan Sharii4, 1Queen Elizabeth Hosp, Liver Unit, Birmingham, UK, 2Sapienza Univ Rome, Dept Clinical Medicine, Rome, ITALY, 3Univ Hosp Birmingham NHS Foundation Trust, Dept Health Informatics, Birmingham, UK, 4Queen Elizabeth Hosp, Dept Nephrology and Transplantation, Birmingham, UK.

LONG-TERM EFFICACY AND SAFETY OF EVEROLIMUS BASED IMMUNOSUPPRESSION ON DE NOVO KIDNEY TRANSPLANTATION WITH 7 YEARS FOLLOW-UP
Shunji Narumi1, Yoshikiko Watarai1, Norihiko Gotol1, Takahisa Hiramitsu1, Takayuki Yamamoto1, Makoto Tsujita1, Manabu Okada1, Kenta Futamura1, Asami Takeda2, Takaaki Kobayashi3, 1Nagoya Daini Red Cross Hosp, Transplant Surgery, Showa-ku, Nagoya City, JAPAN, 2Nagoya Daini Red Cross Hosp, Nephrology, Showa-ku, Nagoya City, JAPAN, 3Aichi Medical Univ School Medicine, Renal Transplant Surgery, Nagakute City, JAPAN.

NEW BIOMARKERS IN KIDNEY DONORS, IN PATIENTS WITH CHRONIC KIDNEY DISEASE AND IN A HEALTHY CONTROL POPULATION
Inga Strand Thorsen1, Inger Hjelds Bleskastad2, Grete Jonsson3, Øyvind Skadberg3, Lasse Gunnar Grønssand4, 1Stavanger Universitetssykehus Hosp, Internal Medicine, Stavanger, NORWAY, 2Stavanger Univ Hosp, Internal Medicine, Stavanger, NORWAY, 3Stavanger Univ Hosp, Medical Biochemistry, Stavanger, NORWAY, 4Stavanger Univ Hosp, Nephrology, Stavanger, NORWAY.

EXPRESSION OF BMP-2 IN VASCULAR ENDOTHELIAL CELLS OF RECIPIENT MAY PREDICT DELAYED GRAFT FUNCTION AFTER RENAL TRANSPLANTATION
Nikolina Basic-Jukic1, Marijana Gulin2, Tvrtko Hudolin3, Marijana Coric4, Zeljko Kastelan4, Lea Katalinic1, Vanja Ivkovic1, Bojan Jelakovic1, 1Univ Hosp Centre Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA, 2General Hosp Sibenik, Dept Internal Medicine, Sibenik, CROATIA, 3Univ Hosp Centre Zagreb, Dept Urology, Zagreb, CROATIA, 4Univ Hosp Centre Zagreb, Dept Pathology, Zagreb, CROATIA.
Posters

MP706
RENAL AND OBSTETRIC OUTCOMES AFTER KIDNEY TRANSPLANTATION IN PREGNANCY: A SINGLE CENTER EXPERIENCE
Yavuz Ayar1, Alparslan Ersoy2, Abdulmecit Yildiz2, Aysegul Oruc2, Gokhan Ocakoglu3, Bilge C. Demir4, Bayram Korkut5, Burcu Bozkurt5, Ahmet B. Sahin5, 1Uludağ Univ Medical School, Nephrology, Bursa, TURKEY, 2Uludag Univ, Fac Medicine, Nephrology, Bursa, TURKEY, 3Uludag Univ, Fac Medicine, Biostatistics, Bursa, TURKEY, 4Uludag Univ, Fac Medicine, Gynecology and Obstetrics, Bursa, TURKEY, 5Uludag Univ, Fac Medicine, Internal Medicine, Bursa, TURKEY.

MP707
CONVERSION FROM TWICE-DAILY TO ONCE-DAILY TACROLIMUS IMPROVES GRAFT FUNCTION IN RENAL TRANSPLANT RECIPIENTS
Nikolina Basic-Jukic, Univ Hosp Centre Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA.

MP708
SUPEROXIDE DISMUTASE AND GLUTATHIONE PEROXIDASE GENOTYPES AS POTENTIAL PREDICTORS OF RENAL FUNCTION DECLINE IN RENAL TRANSPLANT RECIPIENTS
Nikola Z. Stefanovic1, Tatjana P. Cvetkovic2, Tatjana M. Jevtovic-Stoimenov2, Aleksandra K. Catic-Djordjevic1, Mina B. Cvetkovic4, Stevan S. Vujic5, Radmila M. Velickovic-Radovanovic1,3, 1Fac Medicine, Univ Nis, Dept Pharmacy, Nis, SERBIA, 2Fac Medicine, Univ Nis, Dept Biochemistry, Nis, SERBIA, 3Clinical Centre Nis, Clinic of Nephrology, Nis, SERBIA, 4Univ Nis, Fac Medicine, Nis, SERBIA, 5Fac Medicine, Univ Nis, Research Centre Biomedicine, Nis, SERBIA.

MP709
CHANGES IN LEFT VENTRICULAR HYPERTROPHY AFTER RENAL TRANSPLANTATION
Carlo Massimetti1, Gea Imperato1, Stefano De Spirito2, Bruno Pitferi2, Sandro Fieroizzi1, 1Osp Belcolle, Nefrologia e Dialisi, Viterbo, ITALY, 2Osp Belcolle, Cardiologia, Viterbo, ITALY.

MP710
VITAMIN D STATUS IN KIDNEY TRANSPLANT PATIENTS: AN ITALIAN COHORT REPORT.
Yuri Battaglia1, Silvia Forcellini1, Elena Cojocaru1, Fulvio Fiorini2, Antonio Granata3, Luigi Russo4, Alda Storar1, Alessandro D’amelio5, Domenico Russo4, 1Univ-Hosp St. Anna, Nephrology, Ferrara, ITALY, 2Rovigo Hosp, Nephrology, Rovigo, ITALY, 3San Giovanni di Dio Hosp

MP711
PRESENTATION, MANAGEMENT AND OUTCOME OF CNS LYMPHOMA POST KIDNEY TRANSPLANTATION
Anju John John Velvet1, Stavros Papachristos2, Mike Picton1, Titus Augustine2, Muir Morton1, 1Manchester Royal Infirmary, Renal Medicine, Manchester, UK, 2Manchester Royal Infirmary, Renal Surgery, Manchester, UK.

MP712
A DYNAMIC INTERRELATIONSHIP OF MRNA-TLR2/3/4/9 OF PERIPHERAL BLOOD MONONUCLEAR CELLS AND THEIR ROLE IN PROGRESSION OF CHRONIC RENAL GRAFT FAILURE.
SŁawomir C. Zmonarski1, Katarzyna Kościesa-Kasprzak2, MirosŁaw Banasik2, Marta Myszka2, Marcelina Zabińśka2, Katarzyna Madziarska2, Ostawa Mazanowska2, Magdalena Krajewska2, Maria Boratyńska2, Marian Klinger2, 1Wroclaw Medical Univ, Nephrology and Transpl. Medicine, Wroclaw, POLAND, 2Medical Univ, Wroclaw, Dept Nephrology and Transpl. Medicine, Wroclaw, POLAND.

MP713
PREDICTIVE FACTORS OF ANEMIA WITHIN 1 YEAR AFTER LIVING DONOR KIDNEY TRANSPLANTATION
Koki Fujikawa1, Naohito Isoyama1, Bengt Lindholm2, Koichi Uchiyama1, Hideyasu Matsuyama1, 1Graduate School Medicine Yamaguchi Univ, Dept Urology, Yamaguchi, JAPAN, 2Karolinska Insit, Div Renal Medicine and Baxter Nuvum, Stockholm, SWEDEN.

MP714
NEGLECTED TROPICAL DISEASES AMONG RENAL TRANSPLANT RECIPIENTS
Silvana Daher Costa1,2, Camilla Neves Jacinto1, Lorena Vasconcelos Mesquita Martiniano1, Yago Sucupira Amaral1, Fernando Jose Villar Nogueira Paes2, Maria Luiza de Mattos Brito Oliveira Sales2, Ronaldo de Mattos Esmeraldo2, Gerald Bezerra da Silva Junior3, Elizabeth De Francesco Daher1, 1Federal Univ Ceara, School Medicine, Medical Sciences Graduate Program, Fortaleza, BRAZIL, 2General Hosp Fortaleza, Div Renal Transplantation, Fortaleza, BRAZIL, 3Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL.

MP715
A CASE OF SEVERE HYPONATREMIA AFTER DONOR NEPHRECTOMY
Ihab A. Ibrahim1,2, Tariq Ali1, Hassan Aleid1, Jens G. Brockmann1, 1Dept Kidney Transplantation, King Faisal Specialist Hosp & Research Centre, Riaydh, Saudi Arabia, 2Div Nephrology, Dept Internal Medicine, Cairo Univ School Medicine, Cairo, Egypt.
MP716
ARE CRANBERRY CAPSULES EFFECTIVE IN PREVENTING URINARY TRACT INFECTIONS IN KIDNEY TRANSPLANT WOMEN? RANDOMIZED TRIAL
Ana Fernandes1, Tiago Pereira2, Artur Mendes2, Rita Birne2, Patricia Matias2, Cristina Jorge2, Teresa Adragão2, Margarida Bruges2, Regina Oliveira2, Ana Salvadorinho2, Tânia Laranjeira3, Ana Mirco3, Fátima Falcão3, Cristina Toscano4, Domingos Machado2, André Weigert2. 1Centro Hosp Setúbal, Nephrology, Setúbal, PORTUGAL, 2Centro Hosp Lisboa Ocidental-Hosp Santa Cruz, Nephrology, Lisbon, PORTUGAL, 3Centro Hosp Lisboa Ocidental-Hosp Santa Cruz, Pharmacy, Lisbon, PORTUGAL, 4Centro Hosp Lisboa Ocidental-Hosp Santa Cruz, Microbiology, Lisbon, PORTUGAL.

MP717
THE INFLUENCE OF FUNCTIONING ARTERIOVENOUS FISTULA IN CARDIAC FUNCTION IN PATIENTS WITH KIDNEY TRANSPLANTATION
Evangelos Papachristou1, Theodoros Ntrinias1, Marias Papasotiriou1, Panagiotis Trigkas1, Nikolaos Koutsogiannis2, Eirini Savvidaki1, Dimitrios S. Goumenos1, 1Univ Hosp Patras, Dept Nephrology, Patras, GREECE, 2Univ Hosp Patras, Dept Cardiology, Patras, GREECE.

MP718
EVALUATION OF VITAMIN D STATUS DURING KIDNEY TRANSPLANTATION: FACTORS RELATED AND EFFECT OF THE TREATMENT
Carlo Maria Alfieri1, Anna Regalia1, Francesco Cosa1, Maria Meneghini1, Masami Ikehata2, Deborah Mattinizzoli2, Maria Teresa Gandolfo1, Valentina Binda1, Maria Rosaria Campiseli1, Maria Fusaro3, Andrea Aghi4, Piergiorgio Messa1, 1Fondazione IRCCS Ca Granda Ospedale Policlinico Maggiore Milano, Nephrology, Dialysis and Renal Transplantation, Milan, ITALY, 2Fondazione IRCCS Ca Granda Ospedale Policlinico Maggiore Milano, Renal Research Lab, Milan, ITALY, 3National Research Council (CNR), Padova, Italy, Neuroscience Inst, Padua, ITALY, 4Univ Padua, Nephrology, Padua, ITALY.

MP719
URINARY CLARA-CELL PROTEIN IN KIDNEY TRANSPLANT PATIENTS AS MARKER OF PROXIMAL TUBULAR DYSFUNCTION
Patricia M Garcia-Garcia1, Edduin M Martin-Izquierdo1, Carlos Marin-Delgado1, Ana Jarque-Lopez1, Antonio Rivero-Gonzalez1, German Perez-Suarez1, Jose Manuel Gonzalez-Posadas1, Manuel Maria-Heras1, Juan F Navarro-Gonzalez1, Victor M Garcia-Nieto2, 1H.U. Ntra Señora Candelaria, Nephrology, Santa Cruz De Tenerife, SPAIN, 2H.U. Ntra Señora Candelaria, Pediatric Nephrology Unit, Santa Cruz De Tenerife, SPAIN.

MP720
DEDICATED GUIDANCE: MULTI-DIMENSIONAL COOPERATION LEADS TO MORE PRE-EMPTIVE KIDNEY TRANSPLANTATION
Daènne Scheuter-van Oers, Dianne van Dongen, Ellen Verslujs, Ton van Kooij, Tahnee van der Marel, J M. M. Boots, M A. van den Dorpel, Maasstadziekenhuis, Dialyse - Nefrologie, Rotterdam, NETHERLANDS.

MP721
KNOWLEDGE AND ATTITUDES TOWARD ORGAN DONATION IN HEALTHCARE UNDERGRADUATE STUDENTS IN ITALY
Francesco Fontana, Marika Massari, Lisa Giovannini, Gianni Cappelli, Univ Modena and Reggio Emilia, Surgical, Medical and Dental Dept Morphological Sciences, Modena, ITALY.

MP722
THE HUMAN POLYOMAVIRUS 9 IN CZECH PATIENTS AFTER KIDNEY TRANSPLANTATION, DATA FROM UNICENTRIC PROSPECTIVE STUDY
Miroslav Fajfr1, Michaela Matyskova Kubisova2,3, Sylvie Dusilova Sulkova2,3, Pavel Navrtil4, Roman Safranek2, Aleina Mala2, Lenka Pliskova5, 1Univ Hosp Hradec Kralove, Inst Clinical Microbiology, Hradec Kralove, CZECH REPUBLIC, 2Univ Hosp Hradec Kralove, Haemodialysis Centre, Hradec Kralove, CZECH REPUBLIC, 3Charles Univ Prague, Fac Medicine Hradec Kralove, Second Dept Internal Medicine, Hradec Kralove, CZECH REPUBLIC, 4Univ Hosp Hradec Kralove, Dept Urology, Hradec Kralove, CZECH REPUBLIC, 5Univ Hosp Hradec Kralove, Inst Clinical Biochemistry and Diagnostic, Hradec Kralove, CZECH REPUBLIC.

MP723
RELATION BETWEEN VITAMIN D LEVELS AND SYMPTOMS OF DEPRESSION AND ANXIETY IN RENAL TRANSPLANT PATIENTS
Radmila Velickovic1,2, Jelena Lalic1, Tatjana Cvetkovic1, Goran Paunovic1, 1Clinic Nephrology, Transplantation, Nis, SERBIA, 2Fac Medicine, Pharmacy, Nis, SERBIA.

MP724
RENAI TRANSPLANTATION IN AN INTENSIVE CARE UNIT: AN 11-YEAR PORTRAIT
Rita Leal1, João P. Baptista2, Ana Galvão1, Mario Campos1, Jorge Pimentel2, 1Centro Hosp Univ Coimbra, Nephrology, Coimbra, PORTUGAL, 2Centro Hosp Univ Coimbra, Intensive Care Unit, Coimbra, PORTUGAL.
Posters

MP725
EXTENDED RELEASE TACROLIMUS IN KIDNEY ALLOGRAFT RECIPIENTS - PHARMACOKINETIC AND ECONOMICAL ASPECTS
Petra Glander, Silke Kasbohm, Klemens Budde, Lutz Liefeldt, Charité - Universitätsmedizin Berlin, Nephrology, Berlin, GERMANY.

MP726
ALLOCATING KIDNEYS FROM EXPANDED CRITERIA DONORS: KARPINSKY SCORE PROVIDES INDEPENDENT PREDICTORS OF RENAL FUNCTION AND GRAFT SURVIVAL
Marco Quaglia1, Angelo Nappo1, Claudio Musetti1, Andrea Airolid1, Guido Merlott1, Gabriele Guglielmetti1, Gianna Mazzucco2, Vincenzo Cantaluppi1, 1Univ Piemonte Orientale, Dip Medicina Traslazionale; Nefrologia e Trapianto, Novara, ITALY, 2Univ Torino, Anatomia Patologica, Torino, ITALY.

MP727
COMPLETE RECOVERY OF KIDNEY ALLOGRAFT FUNCTION AFTER RECURRENT OF HCV RELATED MPGN: A CASE OF SUCCESSFUL ANTI-VIRAL TREATMENT OF HCV IN A KIDNEY ALLOGRAFT RECIPIENT REQUIRING HEMODIALYSIS
Eva Schroenmeyer, Fabian Halleck, Oliver Staek, Dmytro Khadzhynov, Klemens Budde, Michael Duerr, Charite, Nephrology, Berlin, GERMANY.

MP728
SOCIOECONOMIC DEPRIVATION AND OUTCOMES AFTER KIDNEY TRANSPLANTATION
Sarah Abbas1, Sanna Tahiri2, Holly Gillott1, Francesca Jackson-Spence2, Jemma Mytton3, Lutish Naith1,2, Charles J. Ferro1,2, Adnan Shari1,2, 1Queen Elizabeth Hosp, Dept Nephrology and Transplantation, Birmingham, UK, 2Univ Birmingham, School Medicine, Birmingham, UK, 3Queen Elizabeth Hosp, Dept Medical Informatics, Birmingham, UK.

MP729
FOCAL SEGMENTAL GLOMERULOSCLEROSIS AS ORIGINAL KIDNEY DISEASE FOR LIVING DONOR KIDNEY TRANSPLANTATION RECIPIENTS
Ahmed Y. Elmomawy1, Ayman F. Refae1, Amir M. El-Okeil2, Mohammed F. Ahmed2, Ayman M. Nagib1, Mohamed H. Abbas1, 1Urology and Nephrology Center, Nephrology, Mansoura, Egypt, 2Fac Medicine, Nephrology, Zagazig, EGYPT.

MP730
THE FREQUENCY OF HLA AND DONOR SPECIFIC ANTIBODIES AND ITS IMPACT ON RENAL GRAFT IN LONG TERM RENAL TRANSPLANT PATIENTS
Selma Alagoz1, Serkan F. Yaln1, Erkan Yilmaz2, Sinan Trabuls1, Mehmet Riza Altiparmak1, Nurhan Seyahi1, 1Istanbul Univ Cerrahpasa Medical Fac, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 2Istanbul Univ Cerrahpasa Medical Fac, Dept Organ Transplantation, Tissue-Typing Lab, Istanbul, TURKEY.

MP731
BLOODSTREAM INFECTION IN PATIENTS AFTER RENAL TRANSPLANTATION
Yavuz Ayar1, Alparslan Ersoy2, Emin H. Akalin3, Aysegul Oruc2, Abdulmecit Yildiz2, Sibel Yorulmaz3, Fatih Yildirim4, Akif Dogan4, 1Uludağ Univ Medical School, Nephrology, Bursa, TURKEY, 2Istanbul Univ Fac Medicine, Nephrology, Bursa, TURKEY, 3Uludag Univ, Fac Medicine, Clinical Microbiology and Infectious Diseases, Bursa, TURKEY, 4Uludag Univ, Fac Medicine, Internal Medicine, Bursa, TURKEY.

MP732
EFFICACY AND SAFETY OF DIRECT ANTIVIRAL AGENTS AGAINST HCV IN RENAL TRANSPLANTATION.
Veronica Lopez, Juana Alonso, Mercedes Cabello, Eulalia Palma, Domingo Hernandez, H.R.U Malaga, Nephrology, Malaga, SPAIN.

MP733
COMPLEMENT 5A RECEPTOR TRANSCRIPTS AFTER KIDNEY TRANSPLANTATION
Shengqiang Xia1, Florian Thilo2, Martin Tepel3, 1Univ Southern Denmark, Inst Molecular Medicine, Odense, DENMARK, 2Univ Greifswald, Nephrology, Greifswald, GERMANY, 3Odense Univ Hosp, Nephrology, Odense, DENMARK.

MP734
OUTCOMES OF TRANSPLANT RENAL ARTERY STENOSIS AFTER RENAL ARTERY ANGIOPLASTY AND/OR STENTING
Ekamol Tantisattamo1, Praveen Ratnasirmeta2, Siwandon Pitukweerakul3, Attaisit Chokeychanchaisakul4, Aneesha A. Shetty5, Opas Traitanon6, Maria L. Gonzalez Suarez7, Lorenzo Galloni3, 1Oakland Univ William Beaumont School of Medicine, Multi-Organ Transplant Center, Div Nephrology, Dept Internal Medicine, Royal Oak, MI, 2Siriraj Hosp, Mahidol Univ, Fac Medicine, Bangkok, THAILAND, 3Presence St. Francis Hosp, Dept Internal Medicine, Evanston, IL, 4Northwestern Univ Feinberg School Medicine, Comprehensive Transplant Center, Divi Organ Transplantation, Dept Surgery, Chicago, IL, 5Northwestern Univ Feinberg School Medicine, Comprehensive Transplant Center, Div Nephrology and Hypertension, Dept Medicine, Chicago, IL, 6Thammasart Univ Hosp, Dept Medicine-Nephrology, Pathum Thani, THAILAND, 7Div Nephrology and Hypertension, Mayo Clinic, Rochester, MN.
MP735
LIFESTYLE AND DIETARY HABITS IN RENAL TRANSPLANTED PATIENTS
Vincenzo Bellizzi1, Adamasco Cupisti2, Alessandro Capitanini3, Samar Abd ElHafeez4, Andrea Camocardi5, Patrizia Calella1, Claudia D’Alessandro2, Domenico Giannese2, Serena Torraca1, Maria F. Egidi2, Giovanni Trippepi6, Giuseppe Conte5, 1Div Nephrology, Dialysis & Transplantation, Univ Hosp San Giovanni di Dio e Ruggi d’Aragona

MP736
TRAJECTORY OF EGFR CHANGES AMONG KIDNEY TRANSPLANT RECIPIENTS: A COHORT STUDY
Boris Biklov1,2, Natalia Tomilina2,1, 1A.I.Evdokimov Moscow State Univ Medicine and Dentistry, Chair Nephrology, Moscow, RUSSIAN FEDERATION, 2Academician V.I.Shumakov Federal Research Center Transplantology and Artificial Organs, Dept Nephrology Issues Transplanted Kidney, Moscow, RUSSIAN FEDERATION.

MP737
THE CD14+CD16+ MONOCYTES WORSEN GLUCOSE METABOLISM AFTER SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANTATION
Cristian Rodelo-Haad1,2, Maria Luisa Agüera-Morales1,2, Andres Carmona2, Julia Carracedo2,1, Alberto Rodriguez-Benot1,2, Pedro Aljama1,2, 1Reina Sofia Univ Hosp, Nephrology, Córdoba, SPAIN, 2Inst Maimonides Investigación Biomédica Córdoba (IMIBIC), Nefrologia y Daño Celular Inflamacion Crónica, Córdoba, SPAIN.

MP738
BONE MINERAL DENSITY IN LIVING DONOR RENAL TRANSPLANTATION RECEPIENTS ASSOCIATES WITH FIBROBLAST GROWTH FACTOR23
Zhimin Chen1,2, Mathias Haarhaus1, Hannes Olauson1, Peter Barany1, Lars Wennberg3, Jonaz Ripsweden4, Torkel Brismar4, Ingrid Bergström5, Bengt Lindholm1, Peter Stenvinkel1, Peter Stenvinkel1, Abdul R. Qureshi1, 1Karolinska Inst, Renal Dept, Stockholm, SWEDEN, 2Zhejiang Univ, 2Kidney Disease Center, First Affiliated Hosp College Medicine, Hangzhou, CHINA, 3Karolinska Inst, Transplantation Surgery, Stockholm, SWEDEN, 4Karolinska Inst, Radiology, Stockholm, SWEDEN, 5Karolinska Inst, Obstetrics and Gynaecology, Stockholm, SWEDEN.

MP739
TRANSPLANT RENAL ARTERY STENOSIS : A CASE SERIES
Anne-Sophie Vasseur1, Marc Hazzani1, Laurent Lemaître2, Mohammad Kilani3, Dany Anglicheau4, Sophie Caillard-Ohlmann5, Gabriel Choukroun6, Michel Godin7, Bruno Hurault De Ligny8, Christiane Mousson9, Pierre Merville10, Cécile Vigneau11, François Glowacki12, Christian Noel1, Marie Frimat1, 1CHU Lille, Néphrologie, Lille, FRANCE, 2CHU Lille, Imagerie Urologique, Lille, FRANCE, 3CHU Lille, Imagerie Cardiaque et Vasculaire, Lille, FRANCE, 4Hop Necker, Néphrologie, Paris, FRANCE, 5CHU Strasbourg, Néphrologie, Strasbourg, FRANCE, 6CHU Amiens, Néphrologie, Amiens, FRANCE, 7CHU Rouen, Néphrologie, Rouen, FRANCE, 8CHU Caen, Néphrologie, Caen, FRANCE, 9CHU Dijon, Néphrologie, Dijon, FRANCE, 10CHU Bordeaux, Néphrologie, Bordeaux, FRANCE, 11CHU Rennes, Néphrologie, Rennes, FRANCE, 12CHU Lille, Néphrologie, Lille, FRANCE.

MP740
SYSTEMIC FUNGAL INFECTION IN RENAL TRANSPLANT RECIPIENTS
Ram Prasad Elumalai, Neha Singh, Soundararajan P, SRI Ramachandra Univ, Nephrology, Chennai, INDIA.

MP741
AGE ADAPTED IMMUNOSUPPRESSION FOR ELDERLY KIDNEY ALLOGRAFT RECIPIENTS: BALANCING RISKS FOR CANCER VERSUS REJECTION
Francesca Jackson-Spence1, Holly Gillett1, Sanna Tahir1, Jay Nath2, Felicity Evison3, Adnan Sharif2, 1Univ Birmingham, Medical School, Birmingham, UK, 2Queen Elizabeth Hosp, Birmingham, Dept Nephrology and Transplantation, Birmingham, UK, 3Queen Elizabeth Hosp, Birmingham, Dept Medical Informatics, Birmingham, UK.

MP742
SERUM ALBUMIN LEVEL HAS ASSOCIATION WITH BOTH GRAFT FAILURE AND MORTALITY IN KIDNEY TRANSPLANT RECIPIENTS
Hee Jung Jeon, Soyon Rhee, Dong Ho Shin, Jieun Oh, Hallym Univ Kangdong Sacred Heart Hosp, Dept Internal Medicine, Seoul, KOREA.
<table>
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<th>Time</th>
<th>Event</th>
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<td>08:00 - 09:30</td>
<td><strong>Symposia</strong>&lt;br&gt;Novel oral anticoagulants or warfarin in CKD?&lt;br&gt;The living kidney donor&lt;br&gt;Joint Symposium ERA-EDTA &amp; ESPN&lt;br&gt;Kidney in systemic inflammatory diseases&lt;br&gt;Ethics in scientific research&lt;br&gt;<strong>Free Communications + Mini Lectures</strong>&lt;br&gt;Nutrition in CKD and dialysis&lt;br&gt;AKI experimental</td>
<td>308</td>
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<td>09:45 - 10:30</td>
<td><strong>Plenary Lecture Kathryn Wood</strong>&lt;br&gt;Transplantation tolerance: can it turn into a reality?</td>
<td>315</td>
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<td>10:45 - 12:15</td>
<td><strong>Symposia</strong>&lt;br&gt;Joint Symposium ERA-EDTA &amp; ESH&lt;br&gt;Improving cardiovascular risk assessment in transplant patients&lt;br&gt;New aspects of sex hormones abnormalities in CKD patients&lt;br&gt;Obesity and fat tissue – what is new and what is relevant for nephrologists?&lt;br&gt;NDT polar views&lt;br&gt;<strong>Free Communications + Mini Lectures</strong>&lt;br&gt;Dialysis techniques&lt;br&gt;Diabetes clinical</td>
<td>315</td>
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<td>12:15 - 13:15</td>
<td><strong>Industry Symposia</strong>&lt;br&gt;</td>
<td>335</td>
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<td>13:15 - 14:45</td>
<td><strong>Symposia</strong>&lt;br&gt;Management of the frail and elderly with CKD&lt;br&gt;Quality improvement in PD (ISPD)&lt;br&gt;Young Nephrologists’ Platform - Tomorrow’s nephrology presented by the nephrologists of tomorrow&lt;br&gt;What precipitates IgAN and what is the target for treatment?&lt;br&gt;Hypoxia in kidney disease: integrating pre-clinical with clinical research&lt;br&gt;<strong>Free Communications + Mini Lectures</strong>&lt;br&gt;AKI clinical&lt;br&gt;Nephrolithiasis and divalent ions</td>
<td>321</td>
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<td>14:45 - 16:15</td>
<td><strong>Symposia</strong>&lt;br&gt;Personalized dialysis&lt;br&gt;Special technological aspects of ICU nephrology and extracorporeal treatment&lt;br&gt;Salt on the table&lt;br&gt; Gone with the Wnt&lt;br&gt;<strong>Free Communications + Mini Lectures</strong>&lt;br&gt;Dialysis cardiovascular complications 2&lt;br&gt;Glomerulonephritis: clinical and experimental 2&lt;br&gt;Paediatric nephrology 2</td>
<td>326</td>
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HALL A
08:00-09:30

Symposium 37

**Novel oral anticoagulants or warfarin in CKD?**

**Chairs:** Mustafa Arici, Ankara, Turkey  
Emanuel Zitt, Feldkirch, Austria

Is chronic anticoagulation treatment needed in chronic kidney disease?  
**Adrian Covic**, Iasi, Romania

Do novel oral anticoagulants differ from vitamin K antagonists for efficacy or bleeding?  
**Jürgen Floege**, Aachen, Germany

Novel oral anticoagulants or warfarin in CKD - a cardiologists perspective  
**Karolina Szummer**, Stockholm, Sweden

HALL D
08:00-09:30

Symposium 38

**The living kidney donor**

**Chairs:** Ondrej Viklicky, Prague, Czech Republic  
Sabine Zitta, Graz, Austria

Development of CVD risk factors shortly after donation  
**Alaattin Yildiz**, Istanbul, Turkey

The Oslo experience: long term risk after donation  
**Geir Mjøen**, Oslo, Norway

Practice patterns for follow up of the kidney donors  
**Bruno Watschinger**, Vienna, Austria

Psychological outcomes after living kidney donation  
**Hannah Maple**, London, United Kingdom
Scientific Programme

HALL E  08:00-09:30

Symposium 39

Joint Symposium ERA-EDTA & ESPN
(European Society for Paediatric Nephrology)

Chairs: Dieter Haffner, Hannover, Germany
       Markus Ketteler, Coburg, Germany

ADPKD: from Adult to Autosomal Dominant Polycystic Kidney Disease?
Ron T. Gansevoort, Groningen, The Netherlands

Management of cystic diseases from childhood to adulthood
Djalila Mekahli, Leuven, Belgium

KDIGO CKD-MBD Guideline Update 2016: Considerations in adults vs. children
Markus Ketteler, Coburg, Germany

HDF - should this be the standard of care for children?
Rukshana Shroff, London, United Kingdom

HALL F  08:00-09:30

Symposium 40

Kidney in systemic inflammatory diseases

Chairs: Kathrin Eller, Graz, Austria
       Giuseppe Remuzzi, Bergamo, Italy

B cell cytokine blockade in SLE
David Jayne, Cambridge, United Kingdom

New and old auto-antibodies for lupus nephritis
Gian Marco Ghiggeri, Genoa, Italy

Biologic drugs in the treatment of vasculitis
Vladimir Tesar, Prague, Czech Republic

New ways to interfere with the complement system
Giuseppe Remuzzi, Bergamo, Italy
Scientific Programme

HALL B

08:00-09:30

Symposium 41

Ethics in scientific research

Chairs: Frieder Keller, Ulm, Germany
Judit Nagy, Pecs, Hungary

Good scientific practice, sloppy science and research misconduct
Gerlinde Sponholz, Berlin, Germany

An ethical approach to the evidence-based development of clinical guidelines
Evi Nagler, Ghent, Belgium

Scientific journals and conflict of interest disclosure
Philippa Berman, London, United Kingdom

What is the impact of tightening animal rights on translational research: jumping from Petri dish to human?
Akos Koller, Budapest, Hungary
Scientific Programme

HALL C

08:00-9:30

Free Communication Session 27

Nutrition in CKD and dialysis

Chairs: Allon Friedman, Indianapolis, U.S.A.
        Peter Pontuch, Bratislava, Slovakia

FREE COMMUNICATIONS

TO001
LOW-PROTEIN KETO DIET AND NUTRITIONAL STATUS IN FRAIL, DIABETIC CKD PATIENTS
Vincenzo Bellizzi1, Patrizia Calella1, Silvia Moran Lira2, Verónica Figueroa González2, Julia Nava Hernández2, Serena Torracal, Rafael Montúfar Cárdenas2, 1Div Nephrology, Dialysis & Transplantation, Univ Hosp San Giovanni di Dio e Ruggi d’Aragona

TO002
WHICH INTERVENTIONS ARE EFFECTIVE IN IMPROVING NUTRITIONAL STATUS IN ELDERLY/FRAIL PATIENTS WITH CKD STAGE 3B-5D? A PRELIMINARY REPORT BY EBPG GROUP
Filippo Aucella1, Dienneke vanAsselt2, Ionut Nistor3, Wim Van Biesen4, Ghent, BELGIUM, 3ERBP, Univ Hosp, Ghent, GREECE, 3E. T. Popa Univ Medicine and Pharmacy, Nephrology Dept, Iasi, ROMANIA, 6Postgraduate Medical School, Univ Hertfordshire, Renal Unit, Hatfield, UK.

TO003
A GENETIC BIOMARKER OF OXIDATIVE STRESS, THE PARAOXONASE-1 Q192R GENE VARIANT, ASSOCIATES WITH CARDIOMYOPATHY IN CKD: A LONGITUDINAL STUDY
Evangelia Ntounousi1, Ioanna Bouba2, Belinda Spoto3, Kostas Pappas4, Giovanni Tripepi3, Ioannis Georgiou2, Alexandros Tselepis5, Moses Eliafa6, Dimitris Tsakiris7, Carmine Zoccali3, Kostas Siamopoulos1, 1Univ Ioannina, Nephrology, Ioannina, GREECE, 2Univ Ioannina, Lab Clinical Genetics and Human Reproduction, Ioannina, GREECE, 3CNR-IFC, Clinical Epidemiology and Physiopathology of Renal Diseases and Hypertension, Reggio Calabria, ITALY, 4Univ Ioannina, Cardiology, Ioannina, GREECE, 5Univ Ioannina, Chemistry, Ioannina, GREECE, 6Univ Ioannina, Internal Medicine, Ioannina, GREECE, 7General Hosp Papageorgiou Thessaloniki

TO004
TISSUE SODIUM ACCUMULATION AND PERIPHERAL INSULIN SENSITIVITY IN MAINTENANCE HEMODIALYSIS (MHD) PATIENTS
Serpi Muge Deger1,2,3, Rachel Fissell1,3, Cindy Booker1,2,3, Jens Titze4, T. Alp Ikizler1,2,3, 1Vanderbilt Univ Medical Center, Nephrology and Hypertension, Nashville, TN, 2Veterans Administration Tennessee Valley Healthcare System, Nephrology, Nashville, TN, 3Vanderbilt Center Kidney Disease, Nephrology, Nashville, TN, 4Vanderbilt Univ Medical Center, Clinical Pharmacology Div/Medicine, Nashville, TN.

TO005
POSITIVE INCOMES OF NUTRITIONAL SUPPORT MODALITIES IN TERMS OF INFLAMMATION AND CARDIOVASCULAR STATUS
Bahar Gurlek Demirci, Emre Tural, Zeynep Bal, Siren Sezer, Baskent Univ Fac Medicine, Nephrology, Ankara, TURKEY.
TO006
ANALYSIS OF CREATININE AND ALBUMIN CHANGE DYNAMICS DURING THE FIRST TWO YEARS ON EXTRACORPOREAL DIALYSIS THERAPY
Daniele Marcelli, Katharina Brand, Fatih Kircelli, José Ignacio Merello, Pedro Ponce, Tomas Jirka, Jaroslav Rosenberger, Cristina Marelli, Goran Imamovic, Attilio Di Benedetto, Aileen Grassmann, Bernard Canaud,
1Fresenius Medical Care, Clinical and Epidemiological Research, Bad Homburg, GERMANY, 2Fresenius Medical Care, Medicine and Marketing, Istanbul, TURKEY, 3Fresenius Medical Care, NephroCare, Madrid, SPAIN, 4Fresenius Medical Care, NephroCare, Lisboa, PORTUGAL, 5Fresenius Medical Care, NephroCare, Prague, CZECH REPUBLIC, 6Fresenius Medical Care, NephroCare, Kosice, SLOVAKIA, 7Fresenius Medical Care, NephroCare, Saint Petersburg, RUSSIAN FEDERATION, 8Fresenius Medical Care, Medical Direction, Buenos Aires, ARGENTINA, 9Fresenius Medical Care, NephroCare, Sarajevo, BOSNIA AND HERZEGOVINA, 10NephroCare, Headquarters, Napoli, ITALY, 11Fresenius Medical Care, Center of Excellence Medical, Bad Homburg, GERMANY.
FREE COMMUNICATIONS

TO007
COMPLEMENT MODULATION OF PERICYTE-TO-MYOFIGROBLAST TRANS-DIFFERENTIATION (PMT) AND MICROVASCULAR RAREFACTION IN RENAL ISCHEMIA/REPERFUSION (I/R)
Rossana Franzin1,1, Giuseppe Castellano1, Alessandra Stasi1, Chiara Divella1, Angelica Intini1, Margherita Gigante1, Michele Battaglia1, Antonio Crovace1, Giovanni Stallone2, Beatris Oortwijn3, Edwin V. Amersfoort3, Giuseppe Grandaliano2, Loreto Gesualdo1, 1Univ Bari, Dept Emergency and Organ Transplantation, Bari, ITALY, 2Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY, 3Pharming Group NV, Pharming Technologies NV, Leiden, NETHERLANDS.

TO008
INTRAVASCULAR NEUTROPHIL EXTRACELLULAR TRAP (NET) RELEASE PROMOTES VASCULAR INJURY AND TUBULAR NECROSIS UPON RENAL ISCHEMIA REPERFUSION
Daigo Nakazawa, Santosh Kumar VR, Julian Marschner, Jyaysi Desai, Hans Joachim Anders, Medizinsiche Klinik und Poliklinik IV, Klinikum der Universität, München, Nephrologisches Zentrum, Munich, GERMANY.

TO009
TARGETED DELIVERY OF LIPOSOMAL PREDNISOLONE AFTER RENAL ISCHEMIA REPERFUSION INJURY IN THE RAT
Carla M. A. van Alem1, Taisiya Bezhaeva1, Mark C. Boonstra2, Reshma A. Lalai1, Angela Koudijis1, Josbert M. Metselaar3, Marlies E. J. Reinders1, Cees van Kooten1, Joris I. Rotmans1, 1Univ Medical Centre, Nephrology, Leiden, NETHERLANDS, 2Univ Medical Centre, Surgery, Leiden, NETHERLANDS, 3Enceladus Pharmaceuticals, Management, Naarden, NETHERLANDS, 4RWTH-Aachen Univ, Experimental Molecular Imaging, Aachen, NETHERLANDS.

TO010
GRAM NEGATIVE–DERIVED QUORUM SENSING MOLECULES ARE RESPONSIBLE FOR SEPSIS–ASSOCIATED ACUTE KIDNEY INJURY
Vincenzo Cantaluppi1, Davide Medica2, Claudio Medana2, Viviana Orlandi3, Alessandro D. Quercia2, Grazia M. Virzi4, Claudio Ronco4, 1Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 2Univ Torino, Medical Sciences, Torino, ITALY, 3Univ Insubria, Microbiology Unit, Varese, ITALY, 4IR Riv, Nephrology and Dialysis, Vicenza, ITALY.

TO011
PROPREDIN DEFICIENCY INCREASES THE SEVERITY OF RENAL ISCHEMIA REPERFUSION INJURY
Zinah D. R. Zwaini1,2, Nigel J. Brunskill1,3, Wilhelm Schwaegel1, Cordula M. Stover1, Bin Yang1,3,4,5, 1Univ Leicester, Infection, Immunity and Inflammation, Leicester, UK, 2College Medicine, Univ Kufa, Microbiology, Najaf, IRAQ, 3Univ Hosps Leicester, Renal group, Leicester, UK, 4Affiliated Hosp Nantong Univ, Nephrology, Nantong, CHINA, 5Medical School Nantong Univ, Basic Medical Research Center, Nantong, CHINA.
TO012
GADD45G PREVENTS ACUTE RENAL TUBULAR CELL NECROSIS.
Gyu-Tae Shin, Hwa-Jung Lee, Heungsoo Kim, Ajou Univ School Medicine, Dept Nephrology, Suwon, KOREA.
Scientific Programme

HALL A 09:45 - 10:30

Plenary Lecture 3

Chairs: Jolanta Malyszko, Bialystok, Poland
       Alexander Rosenkranz, Graz, Austria

Transplantation tolerance: can it turn into a reality?
Kathryn Wood, Oxford, United Kingdom

HALL A 10:45 - 12:15

Symposium 42

Joint Symposium ERA-EDTA & ESH
(European Society of Hypertension)

Chairs: Michel Burnier, Lausanne, Switzerland
       Patrick Rossignol, Nancy, France

The kidney as a target of high blood pressure - the evidence in 2016
Johannes F.E. Mann, Munich, Germany

Renal angioplasty - is there still an indication in hypertensive CKD patients with RAS?
Patrick Rossignol, Nancy, France

Which future for the treatment of hypertension with renal denervation?
Roland E. Schmieder, Erlangen, Germany

Management of hypertension in patients with CKD
Michel Burnier, Lausanne, Switzerland
HALL D 10:45-12:15

Symposium 43

Improving cardiovascular risk assessment in transplant patients

Chairs: Marian Klinger, Wroclaw, Poland
Bruno Watschinger, Vienna, Austria

Metabolic risk factor profile before and after renal transplantation
Adnan Sharif, Birmingham, United Kingdom

Non-invasive cardiac imaging in the evaluation of kidney transplant candidates
Alan G. Jardine, Glasgow, United Kingdom

24h-ABPM in renal transplant patients: the nocturnal BP burden
Francesca Mallamaci, Reggio Calabria, Italy

How to approach post-transplant diabetes?
Marcus Säemann, Vienna, Austria

HALL E 10:45-12:15

Symposium 44

New aspects of sex hormones abnormalities in CKD patients

Chairs: Michal Nowicki, Lodz, Poland
Ivan Rychlik, Prague, Czech Republic

Testosterone deficiency - why it is important in male CKD patients
Mahmut Ilker Yilmaz, Ankara, Turkey

Hyperprolactinemia in CKD patients - friend or foe
Juan Jesus Carrero, Stockholm, Sweden

Female infertility in CKD and antimüllerian hormone
Marcin Adamczak, Katowice, Poland

Sexuality after successful kidney transplantation
Uwe Heemann, Munich, Germany
Scientific Programme

HALL F 10:45-12:15

Symposium 45

*Obesity and fat tissue – what is new and what is relevant for nephrologists?*

Chairs: Peter Stenvinkel, Stockholm, Sweden
Ulrich O. Wenzel, Hamburg, Germany

New classification of obesity – not only BMI
Bernhard Ludvik, Vienna, Austria

Obesity - a disease with many aetiologies disguised in the same oversized phenotype
Peter Stenvinkel, Stockholm, Sweden

Metabolic syndrome and renal outcome - a reappraisal
Andrzej Więcek, Katowice, Poland

Renal consequences of bariatric surgery - the downsides
Allon Friedman, Indianapolis, U.S.A.

HALL B 10:45-12:15

Symposium 46

*NDT Polar Views - Should we correct vitamin D deficiency/insufficiency in CKD patients with inactive forms of vitamin D or just treat them with active vitamin D forms?*

Chairs: Jorge B. Cannata-Andia, Oviedo, Spain
Michel Jadoul, Brussels, Belgium

Introduction
Jorge B. Cannata-Andia, Oviedo, Spain

PRO
David Goldsmith, London, United Kingdom

CON
Rajiv Agarwal, Carmel, U.S.A.

Counter-deductions

Questions from audience

Conclusions
Michel Jadoul, Brussels, Belgium
FREE COMMUNICATIONS

TO013
PRE-DILUTION ON-LINE HDF HAS SURVIVAL ADVANTAGE ON CHRONIC DIALYSIS PATIENTS: FROM THE JAPANESE NATIONWIDE REGISTRY
Ikuto Masakane1, Kan Kikuchi2, Atsushi Wada3, Takayuki Hamano4, Tadashi Tomo5, Japanese Society Dialysis Therapy, 1Yabuki Hosp, Nephrology, Yamagata, JAPAN, 2Shimoochiai Clinic, Nephrology, Tokyo, JAPAN, 3Kitasaito Hosp, Nephrology, Asahikawa, JAPAN, 4Osaka Univ, Nephrology, Osaka, JAPAN, 5Oita Univ, Nephrology, Oita, JAPAN.

TO014
THE EFFECT OF BODY COMPOSITION IN THE EFFICACY OF CONVECTIVE TRANSPORT IN ON-LINE HEMODIAFILTRATION
Nicolás Macías, Alba Santos, Almudena Vega, Soraya Abad, Santiago A. Cedeño, Juan M. López Gómez, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

TO015
CALCIUM MASS BALANCE DURING CITRATE HEMODIALYSIS: A RANDOMIZED CONTROLLED TRIAL COMPARING NORMAL AND LOW IONIZED CALCIUM TARGET RANGE
Jakob Gubensek1,2, Alesa Orsag1, Rafael Ponikvar1,2, Alexander Jerman1, Jadranka Buturovic-Ponikvar1,2, 1Univ Medical Center Ljubljana, Dept Nephrology, Ljubljana, SLOVENIA, 2Univ Ljubljana, Fac Medicine, Ljubljana, SLOVENIA.

Mini lecture
Does calcium dialysate matter?
Ercan Ok, Izmir, Turkey
**Scientific Programme**

**HALL G**

10:45-12:15

Free Communication Session 30 + Mini Lecture

*Diabetes clinical*

Chairs: **Marc E. De Broe**, Antwerp, Belgium  
**Esteban Porrini**, La Laguna, Spain

**Mini lecture**

How to prescribe Metformin in CKD  
**Marc E. De Broe**, Antwerp, Belgium

**FREE COMMUNICATIONS**

**TO016**

Comparison of Different Markers of Vascular Damage in Type 1 Diabetic Patients with End-Stage Renal Disease After Kidney or Simultaneous Pancreas-Kidney Transplantation

**Jerzy Chudek**1, Joanna Badura2, Jacek Ziaja2, Aureliusz Kolonko3, Dorota Kamińska4, Aleksander Owczarek5, Adrian Kowalik2, Agata Kujawa-Szewieczek6, Mariusz Kusztaj7, Joanna Kluz8, Marian Klinger7, Andrzej Więcek9, Lech Cierpka2,  
1Medical Univ Silesia, Pathophysiology, Katowice, POLAND, 2Medical Univ Silesia, General, Vascular and Transplant Surgery, Katowice, POLAND, 3Medical Univ Silesia, Dept Nephrology, Endocrinology and Metabolic Diseases, Katowice, POLAND, 4Wrocław Medical Univ, Dept Nephrology and Transplantation Medicine, Wrocław, POLAND, 5Medical Univ Silesia, Div Statistics, Dept Instrumental Analysis, Sosnowiec, POLAND, 6Medical Univ Silesia, Dept Nephrology and Transplantation Medicine, Katowice, POLAND, 7Medical Univ Silesia, Dept Nephrology and Transplantation Medicine, Wrocław, POLAND, 8Wrocław Medical Univ, Dept Angiology, Arterial Hypertension and Diabetology, Wrocław, POLAND, 9Medical Univ Silesia, Dept. Nephrology, Transplantology and Internal Medicine, Katowice, POLAND.

**TO017**

Prognostic Role of Proteinuria in Diabetic versus Non-Diabetic CKD Patients: A Multicohort Prospective Study in Italian Renal Clinics

**Roberto Minutolo**, Michele Provenzano, Silvio Borrelli, Giuseppe Conte, Luca De Nicola, Second Univ Naples, Nephrology, Naples, ITALY.

**TO018**

Urinary Dcr2 Is a Novel Biomarker of Tubulointerstitial Injury in Type 2 Diabetes

**Jia Chen**, Ya-Ni He, Third Military Medical Univ, Dept Nephrology, Daping Hosp, Chong Qing, CHINA.

**TO019**

Glomerular Hyperfiltration and Increased Afferent Arteriolar Resistance Are Present in Subjects With Impaired Glucose Tolerance

**Eiji Ishimura**, Akihiro Tsuda, Hideki Uedono, Mari Yasumoto, Shinya Nakatani, Mitsuru Ichii, Katsuhito Mori, Masanori Emoto, Masaaki Inaba, Osaka City Univ Graduate School Medicine, Nephrology, Osaka, JAPAN.
TO020
ASSESSMENT AND MANAGEMENT OF RISK FACTORS IN PEOPLE WITH CHRONIC KIDNEY DISEASE AND DIABETES MELLITUS MULTIMORBIDITY
Natalie Shur1, Rupert Major2, Dimitris Papamargaritis3, David Webb3, Kamlesh Khunti3, David Shepherd2, Nigel Brunskill1, 1Univ Leicester, Dept Infection, Immunity and Inflammation, Leicester, UK, 2Univ Leicester, Dept Health Sciences, Leicester, UK, 3Univ Leicester, Leicester Diabetes Centre, Leicester, UK.
**Scientific Programme**

**HALL A** 13:15-14:45

**Symposium 47**

*Management of the frail and elderly with CKD*

Chairs: Jacques Bernheim, Tel Aviv, Israel  
Gerhard Wirnsberger, Graz, Austria

Nutritional status: evaluation and improvement  
Denis Fouque, Lyon, France

Should dialysis be different in the frail elderly?  
Olof Heimbürger, Stockholm, Sweden

Withholding and withdrawal of dialysis: models of care  
Jacques Bernheim, Tel Aviv, Israel

Models for prediction of need for RRT vs risk of death in the elderly  
Evi Nagler, Ghent, Belgium

**HALL D** 13:15-14:45

**Symposium 48**

*Quality improvement in PD*

In collaboration with ISPD (International Society for Peritoneal Dialysis)

Chairs: Philip Li, Hong Kong, Hong Kong  
Monika Lichodziejewska-Niemierko, Gdańsk, Poland

Updates on ISPD Peritoneal Dialysis Infection Guidelines  
Philip Li, Hong Kong, Hong Kong

Integrating geriatric care for older patients on PD  
Edwina Brown, London, United Kingdom

ISPD Cardiovascular and Metabolic Guidelines  
Rajnish Mehrotra, Seattle, U.S.A.
Symposium 49

Young Nephrologists’ Platform (YNP) - Tomorrow’s nephrology presented by the nephrologists of tomorrow

Chairs: Jonathan G. Fox, Glasgow, United Kingdom
       Rafael Kramann, Aachen, Germany

Update on YNP initiatives
Ana Carina Ferreira, Lisbon, Portugal

Can we achieve personalized medicine in ADPKD?
Emilie Cornec-Le Gall, Brest, France

Let’s talk about death! Regulated necrosis in acute kidney injury
Andreas Linkermann, Kiel, Germany

Immune monitoring in kidney transplant recipients
Oriol Bestard, Barcelona, Spain

Recent developments in atypical haemolytic uraemic syndrome
David Kavanagh, Newcastle Upon Tyne, United Kingdom

Final remarks / Conclusions
Scientific Programme

HALL F
Symposium 50

*What precipitates IgAN and what is the target for treatment?*

Chairs: **Rosanna Coppo**, Turin, Italy  
**Jürgen Floege**, Aachen, Germany

Genetic determination in IgA Nephropathy  
**Krzysztof Kiryluk**, New York, U.S.A.

The intestine-renal connection  
**Rosanna Coppo**, Turin, Italy

Shall we treat intestinal immunity only?  
**Bengt Fellström**, Uppsala, Sweden

Shall we treat the systemic inflammation? Lessons from STOP IgAN  
**Jürgen Floege**, Aachen, Germany

HALL B
Symposium 51

*Hypoxia in kidney disease: integrating pre-clinical with clinical research*

Chairs: **Maarten Koeners**, Bristol, United Kingdom  
**Fredrik Palm**, Uppsala, Sweden

Oxygen sensing in the kidney  
**Volker H. Haase**, Nashville, U.S.A.

Development of novel drugs targeting renal hypoxia and anaemia  
**Masaomi Nangaku**, Tokyo, Japan

Imaging oxygen metabolism: from animal to human studies  
**Christoffer Laustsen**, Aarhus, Denmark

Using MRI to assess renal haemodynamics and oxygenation in humans  
**Susan Francis**, Nottingham, United Kingdom
FREE COMMUNICATIONS

TO021 PREVALENCE, AETIOLOGY AND OUTCOME FROM COMMUNITY ACQUIRED ACUTE KIDNEY INJURY (AKI) IN SUB-SAHARA AFRICA: RESULTS OF THE MALAWI AKI STUDY (MAKIST)
Rhys Evans1, Ulla Hemmilä1, Alison Craik1, Mwayi Mtekateka1, Fergus Hamilton1, Zuze Kawale1, Hamish Dobbie2, Gavin Dreyer3, Queen Elizabeth Central Hosp, Nephrology, Blantyre, MALAWI, 2Bart’s Health, Nephrology, London, UK, 3Royal Free Hosp, Nephrology, London, UK.

TO022 AKI IS ASSOCIATED WITH SIGNIFICANT DETERIORATION IN RENAL FUNCTION AND PROTEINURIA WHICH PERSISTS TO THREE YEARS: RESULTS OF A PROSPECTIVE CASE-CONTROL STUDY
Kerry Horne1, Rebecca Packington1, John Monaghan2, Timothy Reilly3, Nitin Kolhe1, Richard Fluck1, Maarten Taal1,4, Nick Selby1,4, Royal Derby Hosp, Dept Renal Medicine, Derby, UK, 2Royal Derby Hosp, Dept Clinical Biochemistry, Derby, UK, 3Royal Derby Hosp, Dept Informatics, Derby, UK, 4Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK.

TO023 STOP-AKIPROJECT: A STREAMLINED APPROACH TO AKI MANAGEMENT LEADS TO REDUCTION OF IN-HOSP MORTALITY, LENGTH OF STAY AND AKI PROGRESSION
Thangavelu Chandrasekar1, Asheesh Sharma2, Peter Chamberlain3, Abraham Abraham2, Aintree Univ Hosp NHSFT, Dept Nephrology, Liverpool, UK, 2Aintree Univ Hosp, Nephrology, Liverpool, UK, 3NHS Southsefton CCG, CCG, Liverpool, UK.

TO024 FLUID OVERLOAD AT THE INITIATION OF RENAL REPLACEMENT THERAPY IS ASSOCIATED WITH LONG-TERM MORTALITY IN PATIENTS WITH ACUTE KIDNEY INJURY
Masataka Hasegawa1, Daiki Kobayashi2, Takuya Fujimaru1, Takamasa Miyauchi1, Sawako Kobayashi1, Hiroko Hiranoi1, Hirokii Yamamoto1, Yuki Heath1, Miyuki Futatsuyama1, Fumika Takii1, Kazuhiro Aoki1, Masahiko Namaahama1, Yasuhiro Komatsu1, St.Luke’s International Hosp, Dept Internal Medicine, Div Nephrology, Tokyo, JAPAN, 2St.Luke’s International Hosp, Dept Internal Medicine, Div General Internal Medicine, Tokyo, JAPAN, 3St.Luke’s International Hosp, Dept Critical Care Medicine, Tokyo, JAPAN.

TO025 RISK FACTORS FOR CKD PROGRESSION AFTER ACUTE KIDNEY INJURY
Kerry Horne1, Rebecca Packington1, John Monaghan2, Timothy Reilly3, Nitin Kolhe1, Richard Fluck1, Maarten Taal1,4, Nick Selby1,4, Royal Derby Hosp, Dept Renal Medicine, Derby, UK, 2Royal Derby Hosp, Dept Clinical Biochemistry, Derby, UK, 3Royal Derby Hosp, Dept Informatics, Derby, UK, 4Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK.

TO026 THE INCREASING CLINICAL BURDEN OF ACUTE KIDNEY INJURY IN NON RENAL SOLID ORGAN TRANSPLANT RECIPIENTS: A 15 YEAR RETROSPECTIVE ANALYSIS
Vincenzo Cantaluppi1, Alessandro D. Quercia2, Sergio Dellepiane2, Gabriele Guglielmetti1, Alfonso Pacifici3, Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 2Univ Torino, Medical Sciences, Torino, ITALY, 3Cuneo Hosp, Nephrology and Dialysis, Cuneo, ITALY.
Free Communication Session 32

Nephrolithiasis and divalent ions

Chairs: Ercan Ok, Izmir, Turkey
Marc Vervloet, Amsterdam, The Netherlands

FREE COMMUNICATIONS

TO027
BETA-HYDROXYBUTYRATE INHIBITS NLRP3-MEDIATED INFLAMMATION AND DELAYS PROGRESSIVE RENAL FAILURE DURING PRIMARY HYPEROXALURIA RELATED KIDNEY STONE DISEASE

TO028
PROTEINURIA AND DIABETES MELLITUS AS RISK FACTORS OF HYPOMAGNESEMIA IN PATIENTS WITH CHRONIC KIDNEY DISEASE.
Tatsufumi Oka1, Takayuki Hamano2, Masamitsu Senda1, Sayoko Yonemoto1, Yusuke Sakaguchi2, Chikako Nakano1, Yoshitaka Isaka1, 1Osaka Univ Graduate School Medicine, Nephrology, Suita, JAPAN, 2Osaka Univ Graduate School Medicine, Comprehensive Kidney Disease Research, Suita, JAPAN.

TO029
EPIDEMIOLOGY OF PAEDIATRIC UROLITHIASIS IN A LARGE COHORT IN UK
Stephanie Dufek1,2, Naomi Issler1,2, Robert Kleta1,2, Detlef Bockenhauer1,2, Naima Smeulders3, William van’t Hoff1, 1Great Ormond Street Hosp NHS Foundation Trust, Dept Paediatric Nephrology, London, UK, 2Inst Child Health, Univ College London, Centre Nephrology, London, UK, 3Great Ormond Street Hosp NHS Foundation Trust, Dept Paediatric Urology, London, UK.

TO030
RELATIVE INCREASE IN PTH IN RESPONSE TO A 500 MG PHOSPHATE STIMULUS IS ASSOCIATED WITH URINARY APPEARANCE OF PHOSPHATE
Christine A. White1, Mandy Turner2, Wilma Hopman3, Michael A. Adams2, Rachel M. Holden1, 1Queen’s Univ, Medicine, Kingston, ON, CANADA, 2Queen’s Univ, Biomedical and Molecular Science, Kingston, ON, CANADA, 3Kingston General Hosp, Clinical Research Centre, Kingston, ON, CANADA.

TO031
IMPACT OF RENAL DENERVATION (RDN) IN PATIENTS WITH LOIN PAIN HEMATURIA SYNDROME (LPHS): THE PRAIRIE LPHS STUDY
Bhanu Prasad1, Jennifer St.Onge2, Kunal Goyal3, Francisco Garcia4, 1Regina Qu Apelle Health Region, Nephrology, Regina, SK, CANADA, 2Regina Qu Apelle Health Region, Research and Performance Support, Regina, SK, CANADA, 3Regina Qu Apelle Health Region, Radiology, Regina, SK, CANADA, 4Cypress Regional Hosp, Urology, Swift Current, SK, CANADA.

TO032
CONSEQUENCES AND FATE OF INTRARENAL CRYSTALS IN ADENINE NEPHROPATHY
Barbara M. Klinkhammer1, Sonja Djudjaj1, Uta Kunter2, Mareike Hossel1, Jürgen Floege2, Peter Boor3, 1RWTH Aachen, Inst Pathology, Aachen, GERMANY, 2RWTH Aachen, Dept Nephrology, Aachen, GERMANY, 3RWTH Univ, Inst Pathology, Aachen, GERMANY.
Scientific Programme

HALL A 14:45-16:15

Symposium 52

**Personalized dialysis**

Chairs: Josef Kletzmayr, Vienna, Austria
Halima Resic, Sarajevo, Bosnia and Herzegovina

Frequent or longer hemodialysis - benefits more than risks?
Pantelis A. Sarafidis, Thessaloniki, Greece

Dialysis modality choice in diabetic patients with end-stage kidney disease
Davide Bolignano, Reggio Calabria, Italy

Dialysis modalities and interventions to reduce intra-dialytic symptoms
Andrew Davenport, London, United Kingdom

Is online HDF the new standard for extracorporeal therapy?
Francesco Locatelli, Lecco, Italy

HALL D 14:45-16:15

Symposium 53

**Special technological aspects of ICU nephrology and extracorporeal treatment**

Chairs: Andreas Kribben, Essen, Germany
George Reusz, Budapest, Hungary

CO2 removal: indications, outcomes, technology
Eric Hoste, Ghent, Belgium

Liver dialysis: technology, indications, outcomes
Achim Joerres, Cologne, Germany

ICU dialysis in the paediatric setting: outcomes and technological considerations
Franz Schaefer, Heidelberg, Germany

Extracorporeal treatment of immune mediated kidney disease
George Reusz, Budapest, Hungary
HALL E       14:45-16:15

Symposium 54

**Salt on the table**

Chairs: Johannes F.E. Mann, Munich, Germany
J. Mariano Rodriguez, Cordoba, Spain

Salt consumption and cardiovascular disease: from etiology to prevention
**Francesco Paolo Cappuccio**, Coventry, United Kingdom

Salt consumption and renal outcomes
**Johannes F.E. Mann**, Munich, Germany

Dialysate sodium: friend or foe?
**Mustafa Arici**, Ankara, Turkey

**FREE COMMUNICATIONS**

LB06  TOP RATED “LATE BREAKING CLINICAL TRIAL” ABSTRACT
SODIUM EXCRETION AND THE RISK OF CARDIOVASCULAR DISEASE IN PERSONS WITH CHRONIC KIDNEY DISEASE

**Jiang He**1,2, Katherine T. Mills1, Jing Chen1,2, Wei Yang3, Lawrence D. Appel4, John W. Kusek5, Arnold Alper2, Patrice Delafontaine2, Martin G. Kean6, Emile Mohler7, Akinlolu Ojo8, Mahboob Rahman9, Ana C. Ricardo10, Elsayed Z. Soliman11, Susan Steigerwalt8, Raymond Townsend7.1Tulane School Public Health and Tropical Medicine, Dept Epidemiology, New Orleans, LA, 2Tulane School Medicine, Dept Medicine, New Orleans, LA, 3Univ Pennsylvania School Medicine, Dept Biostatistics and Epidemiology, Philadelphia, PA, 4Johns Hopkins Univ, Welch Center Prevention, Epidemiology and Clinical Research, Baltimore, MD, 5NIDDK, Div Kidney, Urologic and Hematologic Diseases, Bethesda, MD, 6Temple Univ School Medicine, Dept Medicine, Philadelphia, PA, 7Univ Pennsylvania School Medicine, Dept Medicine, Philadelphia, PA, 8Univ Michigan, Dept Medicine, Ann Arbor, MI, 9Case Western Reserve Univ, Div Nephrology and Hypertension, Cleveland, OH, 10Univ Illinois Chicago, Dept Medicine, Chicago, IL, 11Wake Forest School Medicine, Dept Internal Medicine, Winston-Salem, NC.

TO033
USING SINGLE VERSUS MULTIPLE 24-HOUR URINE SAMPLES TO ASSESS THE RELATION BETWEEN SODIUM INTAKE AND RENAL OUTCOME

Rik H. G. Olde Engberink1, Thomas C. van den Hoek1, Nicky D. van Noordenne1, Bert-Jan H. van den Born2, **Liffert Vogt**1, 1Academic Medical Center, Nephrology, Amsterdam, NETHERLANDS, 2Academic Medical Center, Vascular Medicine, Amsterdam, NETHERLANDS.
HALL F

14:45-16:15

Symposium 55

Gone with the Wnt

Chairs: Pieter Evenepoel, Leuven, Belgium
       Susan M. Ott, Seattle, U.S.A.

Wnt signaling in vascular calcification
Mario Cozzolino, Milan, Italy

Wnt signaling in bone diseases
Martine Cohen-Solal, Paris, France

Limitations of the current therapies for osteoporosis in patients with CKD
Susan M. Ott, Seattle, U.S.A.

Sclerostin and the CV System
Vincent Brandenburg, Aachen, Germany
Scientific Programme

HALL B

Free Communication Session 33 + Mini Lectures

Dialysis cardiovascular complications 2

Chairs: Alexander Rosenkranz, Graz, Austria
Patrick Rossignol, Nancy, France

Mini lecture
Pathogenesis and treatment of HFPEF in CKD
Loek Van Heerebeek, Amsterdam, The Netherlands

FREE COMMUNICATIONS

TO036
THE IMPACT OF CATHETER ABLATION ON HEMODIALYSIS PATIENTS WITH ATRIAL FIBRILLATION
Kazuhiko Shibata1, Hiroshi Sohara2, Tadashi Kuij3, Hidehisa Satta4, Seiichi Kawata3, Tomoko Kanda1, Naoaki Koguchi3, Masahiro Nishihara5, Gen Yasuda6, 1Yokohama Minami Clinic, Internal Medicine, Yokohama, JAPAN, 2Hayama Heart Center, Arrhythmia Center, Hayama, JAPAN, 3Yokodai Central Clinic, Internal Medicine, Yokohama, JAPAN, 4Kasama Clinic, Internal Medicine, Yokohama, JAPAN, 5Toshin Clinic, Internal Medicine, Yokohama, JAPAN, 6Yokohama City Univ Medical Center, Internal Medicine, Yokohama, JAPAN.

TO034
NON-CONTRAST CARDIAC MAGNETIC RESONANCE T1 MAPPING AS A MARKER OF MYOCARDIAL FIBROSIS IN END STAGE RENAL DISEASE
Elaine Rutherford1,2, Mohammed A. Talle2, Samuli Rauhalammi2, Kenneth Mangion2, Allan D. Struthers1, Rajan K. Patel2, Aleksandra Radjenovic2, Alan G. Jardine2, Colin Berry2, Patrick B. Mark2, 1Univ Dundee, Div Cardiovascular & Diabetes Medicine, Dundee, UK, 2Inst Cardiovascular and Medical Sciences, BHF Glasgow Cardiovascular Research Centre, Glasgow, UK.

TO035
FOCAL IMPAIRMENT IN MYOCARDIAL FATTY ACID IMAGING IN THE LEFT ANTERIOR DESCENDING ARTERY AREA, A STRONG PREDICTOR FOR CARDIAC DEATH IN HEMODIALYSIS PATIENTS WITHOUT OBSTRUCTIVE CORONARY ARTERY DISEASE
Masato Nishimura1, Tetsuya Hashimoto2, Nagara Tamaki3, Hiroyuki Kobayashi2, Toshihiko Ono2, 1Toujinkai Hosp, Cardiovascular Div, Kyoto, JAPAN, 2Toujinkai Hosp, Div Urology, Kyoto, JAPAN, 3Hokkaido Univ Graduate School Medicine, Dept Nuclear Medicine, Sapporo, JAPAN.

Mini lecture
Vitamin D for better survival in CKD - any evidence?
David Goldsmith, London, United Kingdom
Scientific Programme

HALL C 14:45-16:15

Free Communication Session 34 + Mini Lecture

Glomerulonephritis: clinical and experimental 2

Chairs: Kathrin Eller, Graz, Austria
Elion Hoxha, Hamburg, Germany

Mini lecture
Anti PLA2R antibodies and outcome of membranous nephropathy
Elion Hoxha, Hamburg, Germany

FREE COMMUNICATIONS

TO037
CLINICAL PREDICTORS OF RESPONSE TO RITUXIMAB IN ANCA-ASSOCIATED VASCULITIS: A EUROPEAN COHORT.
Federico Alberici1,2,3, Rona Smith2, Matthias Cassia1, Francesca Colombo1, Irene Brenna1, Rachel Jones2, Julia Holle4, Thomas Neumann5, Gina Gregorini6, Renato A. Sinico1, Annette Bruchfeld7, Iva Gunnarsson8, Sophie Ohlsson9, Bo Baslund10, Vladimir Tesar11, Zdenka Hruskova11, Maria Cid12, Augusto Vaglio13, Ken Smith2, David Jayne2, 1San Carlo Borromeo Hosp, Renal and Immunology Unit, Milano, ITALY, 2Univ Cambridge, Dept Medicine, Cambridge, UK, 3Univ Parma, Dept Experimental Medicine, Parma, ITALY, 4Klinikum Bad Bramstedt, Dept Rheumatology, Bad Bramstedt, GERMANY, 5Jena Univ-Hosp, Dept Internal Medicine III, Jena, GERMANY, 6AO Spedali Civili, Dept Nephrology, Brescia, ITALY, 7Karolinska Inst, Dept Renal Medicine, Stockholm, SWEDEN, 8Karolinska Inst, Dept Medicine, Stockholm, SWEDEN, 9Skane Univ Hosp, Dept Nephrology and Transplantation, Goteborg, SWEDEN, 10Righosp, Dept Infectious Diseases and Rheumatology, Copenhagen, DENMARK, 11Charles Univ, Dept Nephrology, Prague, CZECH REPUBLIC, 12Hosp Clinic, Vasculitis Research Unit, Barcelona, SPAIN, 13Univ Hosp Parma, Dept Nephrology, Parma, ITALY.

TO038
ASQ Travel Grant (see page 32)
TACROLIMUS WITH CORTICOSTEROIDS IS INFERIOR TO MODIFIED PONTICELLI REGIMEN IN THE MANAGEMENT OF PRIMARY MEMBRANOUS NEPHROPATHY: RESULTS AT 2 YEARS OF RANDOMIZATION
Raja Ramachandran1, Vinod Kumar1, Ritambhra Nada2, Harbir S. Kohli1, Vivekanand Jha1, Krishan L. Gupt1, 1PGIMER, Nephrology, Chandigarh, INDIA, 2PGIMER, Histopathology, Chandigarh, INDIA.

TO039
RISK OF VENOUS THROMBOEMBOLIC EVENTS IN ANCA ASSOCIATED VASCULITIS
Andreas Kronbichler1,2, Johannes Leierer1, Gisela Leierer3, Gert Mayer1, Alina Casian4, Peter Höglund5, Kerstin Westman6, David Jayne2, 1Medical Univ Innsbruck, Nephrology and Hypertension, Innsbruck, AUSTRIA, 2Addenbrooke’s Hosp, Vasculitis and Lupus Clinic, Cambridge, UK, 3Medical Univ Innsbruck, Dept Dermatology and Venereology, Innsbruck, AUSTRIA, 4Guy’s Hosp, Louise Coote Lupus Unit, London, UK, 5Skane Univ Hosp, Competence Center Clinical Research, Lund, SWEDEN, 6Skane Univ Hosp, Nephrology and Transplantation, Lund, SWEDEN.
TO040
A STAGING SYSTEM BASED ON GALECTIN3 FOR PREDICTION OF SURVIVAL IN SYSTEMIC IMMUNOGLOBULIN LIGHT CHAIN AMYLOIDOSIS WITH RENAL INVOLVEMENT
Ting Li1,2, Xianghua Huang1, Qingwen Wang1, Guisheng Ren1, Liang Zhao1, Shuiqin Cheng1, Zhi-Hong Liu1, 1National Clinical Research Center of Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA, 2School Clinical Medicine, Southeast Univ, Nanjing, CHINA.

TO041
PROTEINURIA IS PREDICTING LONG TERM RENAL AND PATIENT OUTCOME IN ANCA ASSOCIATED VASCULITIS.
Wladimir Szpirt1, Elizabeth Krarup2, Martin Egfjord1, 1RigsHosp, Nephrology, Copenhagen, DENMARK, 2Herlev Hosp, Nephrology, Copenhagen, DENMARK.
FREE COMMUNICATIONS

TO042
CAUSE, GFR, AND PROTEINURIA AS PROGNOSTIC FACTORS IN CHILDREN WITH CKD
Kenji Ishikura, Osamu Uemura, Yuko Hamasaki, Hideo Nakai, Shuichi Ito, Ryoko Harada, Motoshi Hattori, Yasuo Ohashi, Ryojiro Tanaka, Koichi Nakanishi, Tetsuji Kaneko, Kazumoto Iijima, Masataka Honda, Pediatric-CKD Study Group Japan, Nephrology, Tokyo, JAPAN.

TO043
Cal Robinson1,2, Supul Hennayake3, Mohan Shenoy1, 1Royal Manchester Children’s Hosp, Paediatric nephrology, Manchester, UK, 2Univ Manchester, Medical School, Manchester, UK, 3Royal Manchester Children’s Hosp, Paediatric Urology, Manchester, UK.

TO044
A EUROPEAN REGISTRY OF HENOCH SCHÖNLEINPURPURA NEPHRITIS IN CHILDREN TO DETECT RISK FACTORS FOR PROGRESSION

TO045
CLINICAL, BIOCHEMICAL AND GENETIC ASPECTS OF IDIOPATHIC HYPERCALCEMIA IN MACEDONIAN PATIENTS
Velibor Tasic1, Zoran Gucev2, Momir Polenakovic3, 1Univ Children’s Hosp, Pediatric Nephrology, Skopje, F.Y.R. of MACEDONIA, 2Univ Children’s Hosp, Pediatric Endocrinology and Genetics, Skopje, F.Y.R. of MACEDONIA, 3Macedonian Academy of Sciences and Arts, Center for Biotechnology and Genetic Engineering, Skopje, F.Y.R. of MACEDONIA.

TO046
TREATMENT OF THE FIRST EPISODE OF CHILDHOOD IDIOPATHIC NEPHROTIC SYNDROME: A SYSTEMATIC REVIEW AND META-ANALYSIS
Eleftherios Zolotas1, Ioannis Leontsinis2, 1Univ Hosp Wales, Paediatric Nephrology, Cardiff, UK, 2Royal Shrewsbury Hosp, Renal Dept, Shrewsbury, UK.
TO047

AMBULATORY ARTERIAL STIFFNESS INDEX, BLOOD PRESSURE VARIABILITY AND BLOOD PRESSURE DIPPING IN CHILDREN WITH IGA AND SCHOENLEIN-HENOCH NEPHROPATHY

Piotr Skrzypczyk1, Małgorzata Mizerska-Wasiak1, Małgorzata Panczyk-Tomaszewskal, Barbara Jerzykow2, Pawel Ruszczykowski2, Maria Roszkowska-Blaim1, 1Medical Univ Warsaw, Dept Pediatrics and Nephrology, Warsaw, POLAND, 2Medical Univ Warsaw, Students Scientific Group Dept Pediatrics and Nephrology, Warsaw, POLAND.
**Industry Sponsored Symposia**

**INDUSTRY SPONSORED SYMPOSIA**

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**18:45-19:45**

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| Hall K               | Amgen |
| Hall N               | Bayer |

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**INDUSTRY SPONSORED SYMPOSIA**
Industry Sponsored Symposia

Sunday, May 22, 2016     13:30-15:00
Hall D

**Improving Outcomes of Advanced Chronic Kidney Disease Patients by "Personalized and Precise Renal Replacement Therapy"**

Chairs: Andrew Davenport, London, United Kingdom
        Mariano J. Rodriguez Portillo, Cordoba, Spain

Cardiovascular Protection: How to balance benefit/risk by fluid and electrolytes management
Daniel Schneditz, Graz, Austria

Improving Intradialytic Stability: How to reduce the risk of extracorporeal thrombotic events
Martin Kuhlmann, Berlin, Germany

Uremic Toxicity, Gut-Kidney Axis and Renal Replacement Therapy: How to improve outcome of advanced CKD patients by a multi-targeted approach
Griet Glorieux, Ghent, Belgium

Organised by FRESENIUS MEDICAL CARE
Industry Sponsored Symposia

Sunday, May 22, 2016  
Hall E  

13:30-15:00

Protecting heart, vessels and bone - new ways to control phosphorus and potassium

Chairs:  
Markus Ketteler, Coburg, Germany  
Alexander Rosenkranz, Graz, Austria

Hyperphosphatemia - understanding the challenges  
Laurent Juillard, Lyon, France

Advances in the management of hyperphosphatemia  
Philip Kalra, Manchester, United Kingdom

A new approach in potassium management - can we change the treatment paradigm?  
Matthew R. Weir, Baltimore, U.S.A.

Organised by VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA
Optimal Treatment Targets in Renal Replacement Therapy - How to achieve them?

Chair: Joachim Hoyer, Marburg, Germany

Tailor-made hemodialysate composition - effects on hemodynamic stability
Francesco Locatelli, Lecco, Italy

Convection volume in HDF - lessons learned for daily practice
Peter J. Blankestijn, Utrecht, The Netherlands

Renal dose achievement in AKI - influential factors
Antoine Schneider, Lausanne, Switzerland

Organised by B.BRAUN
Industry Sponsored Symposia

Sunday, May 22, 2016
Hall C

13:30-15:00

Uremic toxins: urea, $\beta_2$-microglobulin and beyond

Chair: Peter Stenvinkel, Stockholm, Sweden

From low-flux HD to high-flux and HDF: what's next?
Muriel Grooteman, Amsterdam, The Netherlands

Uremic toxins beyond $\beta_2$m: what role do they play?
Colin Hutchison, Hawke's Bay, New Zealand

Albumin removal by dialysis: is there reason to be concerned?
Peter Stenvinkel, Stockholm, Sweden

Organised by BAXTER HEALTHCARE
TMA: multiple causes for a disease with 100 faces?

Chair: Manuel Praga, Madrid, Spain

Recognising the many faces of TMA
Manuel Praga, Madrid, Spain

Facing the future: rapid differential diagnosis of TMA
Christian Haas, Lübeck, Germany

The changing face of TMA diagnosis for the kidney transplant patient
Julien Zuber, Paris, France

Organised by ALEXION PHARMA INTERNATIONAL
Industry Sponsored Symposia

Sunday, May 22, 2016
Hall K

13:30-15:00

Advancements in immunosuppression: are all tacrolimus formulations the same?

Chair: Rainer Oberbauer, Vienna, Austria

Control and optimization: the answer in PK
Pierre Marquet, Limoges, France

Management and clinical outcomes: the answer of the clinician
Julio Pascual, Barcelona, Spain

Organised by CHIESI FARMACEUTICI
Rare diseases and the kidney: unexplained story and complexity of Fabry disease

Chairs: Gere Sunder-Plassmann, Vienna, Austria
       Olivier Devuyst, Zurich, Switzerland

Welcome and Introduction
Gere Sunder-Plassmann, Vienna, Austria

Overview and Common Misdiagnosis of Rare Diseases in Nephrology
Olivier Devuyst, Zurich, Switzerland

Pathophysiology and Treatment of Fabry Disease: It’s Not as Simple as we May Think
Sandro Feriozzi, Viterbo, Italy

How to Identify Fabry Disease Among Renal Patients: The Importance of Screening
Pablo Neumann, Buenos Aires, Argentina

Organised by SHIRE INTERNATIONAL
The infernal triad: matrix-gla-protein, vitamin K and vascular calcification

Chairs:  Jürgen Floege, Aachen, Germany  
Etienne Cavalier, Liege, Belgium

Vascular calcification in CKD patients  
Ziad Massy, Paris, France

Vitamin K-dependent matrix Gla-protein: a crucial switch to control ectopic mineralization  
Leon Schurgers, Maastricht, The Netherlands

Vitamin K2: an essential nutrient for cardiovascular health  
Katarzyna Maresz, Krakow, Poland

Organised by IMMUNODIAGNOSTIC SYSTEMS & NATTO PHARMA
Treatment of Hepatitis C in Patients with Chronic Kidney Disease: Challenges and Opportunities

Chair: Marcus Säemann, Vienna, Austria

The Burden of Hepatitis C in Patients with Chronic Kidney Disease
Annette Bruchfeld, Stockholm, Sweden

Therapeutic Options and Guidelines for the Treatment of Hepatitis C in Patients with Chronic Kidney Disease
David Roth, Miami, U.S.A.

Organised by MERCK SHARP & DOHME
Industry Sponsored Symposia

Sunday, May 22, 2016  
Hall K  

18:45-19:45

Treating secondary hyperparathyroidism with calcimimetics; new insights

Chair: David Wheeler, London, United Kingdom

Lessons learnt from the EVOLVE study
Jürgen Floege, Aachen, Germany

Etelcalcetide - a new injectable calcimimetic for the treatment of secondary hyperparathyroidism
Markus Ketteler, Coburg, Germany

Organised by AMGEN
Sunday, May 22, 2016
Hall N
18:45-19:45

**DKD: getting to the heart of the matter**

**Chair:**  **Hermann Haller**, Hannover, Germany

Cardiovascular outcomes in patients with diabetic kidney disease: epidemiology and pathophysiology
**Patrick Rossignol**, Nancy, France

Emerging therapies for reducing renal and cardiovascular risk in patients with diabetic kidney disease
**Peter Rossing**, Gentofte, Denmark

Organised by **BAYER**
Industry Sponsored Symposia

Monday, May 23, 2016
Hall D

13:30-15:00

Optimizing the ESRD patient journey and RRT clinical-economic outcomes

Chair: Simon Davies, Stoke-on-Trent, United Kingdom

Challenging the deadly paradigm of RRT modality transitions: an integrated approach to the patient ESRD journey
Wim Van Biesen, Ghent, Belgium

Doing the right thing at the right time: shared decision-making with RRT modality selection
Eero Honkanen, Helsinki, Finland

The role of RPM and telemedicine in optimizing RRT modality outcomes and facilitating healthy transitions
Claus Peter Schmitt, Heidelberg, Germany

Organised by BAXTER HEALTHCARE
SGLT2 inhibition: Is this a novel approach to prevent the progression of diabetic kidney disease?

Chair:  Gert Mayer, Innsbruck, Austria

Current challenges when treating patients with Type 2 Diabetes & Kidney Disease
Vlado Perkovic, Sydney, Australia

New evidence at the interface of Type 2 Diabetes & Kidney Disease:
The EMPA-REG OUTCOME® Trial
Christoph Wanner, Würzburg, Germany

SGLT2 inhibition: How does it work in the kidney?
David Cherney, Toronto, Canada

Implications for clinical practice
Vlado Perkovic, Sydney, Australia

Organised by
BOEHRINGER INGELHEIM & ELI LILLY AND COMPANY DIABETES ALLIANCE
ADPKD Treatment Update

Chair:  Roser Torra, Barcelona, Spain

Welcome and introduction
Roser Torra, Barcelona, Spain

Updated results of TEMPO 3:4
Vicente Torres, Rochester, U.S.A.

How to identify patients with rapidly progressing ADPKD
Henrik Birn, Aarhus, Denmark

Initiation and maintenance of tolvaptan: From theory into practice and early insight from the clinic
Roman-Ulrich Müller, Cologne, Germany

Panel discussion
Roser Torra, Barcelona, Spain

Closing remarks
Roser Torra, Barcelona, Spain

Organised by OTSUKA PHARMACEUTICAL EUROPE
New insights into iron metabolism and deficiency

Chairs:  Angel Luis Martin de Francisco, Santander, Spain  
        Kai-Uwe Eckardt, Erlangen, Germany

ID prevalence in patients with CKD - a matter of definition?  
Kai-Uwe Eckardt, Erlangen, Germany

Iron pathophysiology - its complexity and our knowledge gaps  
Tomas Ganz, Los Angeles, U.S.A.

Diagnosing and treating ID/IDA - meeting your patient's needs  
Jolanta Malyszko, Bialystok, Poland

Organised by VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA
Management of Hyperkalemia: Challenges and Considerations in Patients with CKD

Chair:  David Goldsmith, London, United Kingdom

Pathophysiology and Risk of Hyperkalemia
Johannes F.E. Mann, Munich, Germany

Current and Emerging Options for Outpatient Treatment of Hyperkalemia
Martin H. de Borst, Groningen, The Netherlands

Supported by an educational grant from AstraZeneca
Unknown unknowns in Chronic Kidney Disease

Chair: Alberto Ortiz, Madrid, Spain

What is an unknown unknown in Chronic Kidney Disease? Prevalence of undiagnosed primary and secondary causes of CKD
Giuseppe Castellano, Bari, Italy

Utility of renal biopsies in diagnosis and treatment of secondary and rare causes of CKD
Alberto Ortiz, Madrid, Spain

KDIGO Conference on Fabry Nephropathy: Management of rare causes of Chronic Kidney Disease
Bojan Vuknovac, Slovenj Gradec, Slovenia

Organised by SANOFI GENZYME
Working to Preserve Renal Function in Patients with Tuberous Sclerosis Complex

Chair:  J. Chris Kingswood, Brighton, United Kingdom

Natural course of renal function in patients with TSC
Bernard Zonnenberg, Utrecht, The Netherlands

Current monitoring guidelines and treatment options for TSC-related renal manifestations
Klemens Budde, Berlin, Germany

Safety and efficacy of mTOR inhibitors
J. Chris Kingswood, Brighton, United Kingdom

Organised by NOVARTIS PHARMA
Challenges to improve hemodialysis outcomes: are "frequent" and "home" the answers?

Chairs: Eric Goffin, Bruxelles, Belgium
Maxence Ficheux, Caen, France

Home HD: How it looks and how it works
Shashidhar Cherukuri, Wolverhampton, United Kingdom

The ‘suitable’ patient and prescribing home HD
Natalie Borman, Portsmouth, United Kingdom

The European experience: Clinical outcome from the KIHDEy cohort
Per Westerlund, Kristianstad, Sweden

Patient experience: what are the success factors
Hafedh Fessi, Paris, France

Organised by NXSTAGE MEDICAL
Rare Renal Diseases Are Growing Up

Chair: Rainer Oberbauer, Vienna, Austria

Cystinosis vs CKD: Growth and neurocognitive development in childhood
Dieter Haffner, Hannover, Germany

Managing the Adolescent Patient
Graham Lipkin, Birmingham, United Kingdom
Larissa Kerecuk, Birmingham, United Kingdom

Cystinosis in Adults; An Emerging Population
Albane Brodin-Sartorius, Paris, France

Organised by RAPTOR PHARMACEUTICALS
Secondary Carnitine Deficiency in Dialysis Patients—Shall We Supplement it?

Chairs: Ronald Wanders, Amsterdam, The Netherlands
Tim Ulinski, Paris, France

Carnitine in Human Health and Disease Including Genetic Metabolic Disorders
Ronald J.A. Wanders, Amsterdam, The Netherlands

Characteristics of Dialysis-Related Carnitine Deficiency - Effectiveness of L-carnitine for the Treatment of Erythropoietin-Resistant Renal Anaemia
Stephanie Reuter Lange, Adelaide, Australia

Carnitine Levels, Myocardial Function and Survival Outcomes in Children Receiving Chronic Hemodialysis and Continuous Renal Replacement Therapy
Asha Moudgil, Washington, U.S.A.

Organised by SIGMA-TAU
SATURDAY, MAY 21st, 2016

19:00-21:00  Exhibition Open
19:30-21:00  Welcome Reception in the Exhibition

SUN, MAY 22nd, 2016

09:30-17:30  Exhibition Open
09:30-10:45  Poster Viewing and Exhibition Visit
11:30-11:45  Break and Exhibition Visit
16:45-17:00  Break and Exhibition Visit

MONDAY, MAY 23rd, 2016

09:30-17:30  Exhibition Open
09:30-10:45  Poster Viewing and Exhibition Visit
11:30-11:45  Break and Exhibition Visit
16:45-17:00  Break and Exhibition Visit

TUESDAY, MAY 24th, 2016

09:30-13:30  Exhibition Open
09:30-09:45  Break and Exhibition Visit
10:30-10:45  Break and Exhibition Visit
12:15-13:15  Break and Exhibition Visit
### Exhibitors

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3M Deutschland GmbH, Membranes Business Unit ................................. Booth: 2.145
3M uses its scientific expertise to develop technologies which improve the quality of life of each individual. Since August 2015 the Membrana GmbH is now part of the 3M Industrial Business Group. The 3M Membranes Business Unit offers a wide range of capillary and flat sheet membranes, particularly for hemodialysis, blood oxygenation and plasmapheresis. In addition, the 3M Membranes Business Unit offers innovative medical devices for therapies such as plasma separation, cascade filtration or separation of blood for transfusion medicine. Website: 3m.com/membrana

ABBVIE .................................................................................................................. Booth: 1.160
AbbVie is a global, research-based biopharmaceutical company formed in 2013 following separation from Abbott. With its 125-year history, the company’s mission is to use its expertise, dedicated people, and unique approach to innovation to develop and market advanced therapies that address some of the world’s most complex and serious diseases. In 2013, AbbVie employs approximately 21,000 people worldwide and markets medicines in more than 170 countries. For further information on the company and its people, portfolio, and commitments, please visit www.abbvie.com. Follow @abbvie on Twitter or view careers on our Facebook or LinkedIn page. Website: www.abbvie.com

Actualway Medical Devices ........................................................................ Booth: 2.120
We are Actualway®, a Portuguese manufacturer of care treatment medical equipment such as Therapy, Sampling/Blood Donation, Gynaecological, Multifunctional Chairs, Couches and many accessories. We have been increasing our distribution all over the world thanks to big efforts in promoting our products. Our sales strategy is based on building a long term relationship with all our partners providing quality and service. The best way to take care is to get our partners´ and patients’ satisfaction meeting their needs. We produce reliable, strong and comfortable products because we do care. Come and join us so that we can expand business together! Website: www.actualway.pt
Albanian Society of Nephrology

Albanian Society of Nephrology was legally formalized in 2003. The society organizes annual meeting. It organized in collaboration with the European Association of Nephrology two ERA-EDTA CME and joint activities with Regional Associations of Nephrology. Many Albanian nephrologists are members of ERA-EDTA. Recent years, the participation of Albanian nephrologists in the ERA-EDTA Congress is increased. The association organizes every year World Kidney Day. The association also encourages young nephrologists and physicians to participate in scientific events of National, Regional, European and World (CME, regional courses organized by ERA-EDTA etc.).

Website: www.asn.al

Alexion Pharma GmbH

Alexion is a global biopharmaceutical company focused on developing and delivering life-transforming therapies for patients with devastating and rare disorders. Alexion developed and commercializes Soliris® (eculizumab), the first and only approved complement inhibitor to treat patients with atypical hemolytic uremic syndrome (aHUS), a life-threatening ultra-rare disorder. Alexion is also advancing the most robust rare disease pipeline in the biotech industry.

Website: www.alexionpharma.eu/

Allmed Group

ALLMED is a vertically integrated global manufacturer, selling and operating in over 40 countries around the world. It’s leading dialyzer brand, POLYPURE® incorporates a proprietary Micro-Undulate Polysulfone membrane, with outstanding performances in both efficiency and biocompatibility aspects. In close cooperation with the Newcastle-upon-Tyne Hospitals NHS Foundation Trust, Allmed has developed a breakthrough technology therapy platform for infants. The ALLMED NIDUS® is the only system indicated to perform Haemodialysis therapy on infants with a body weight from 800 grams to 8 kilograms. Allmed is committed and capable to offer customised solutions to professionals and patients in Hemodialysis.

Website: www.allmedgroup.com
**Exhibitors**

**Allmed Medical Care Holdings Ltd** ................................................................. Booth: 2.190

ALLMED Medical GmbH is a vertically integrated manufacturer, providing the latest world-class standards in dialysis products. ALLMED’s leading dialyzer brand, POLYPURE® incorporates a new proprietary Polysulfone membrane, with outstanding performances in both efficiency and biocompatibility aspects. The membrane is unique for its unprecedented Micro-Undulation Technology. ALLMED and its partners are committed to offer customised solutions to professionals and patients in Hemodialysis. Capitalizing on its long experience in the field of hemodialysis, Allmed is able to give personalised service and assistance to its customers.

Website: www.allmedgrp.com

**Ameco Medical Industries** ............................................................................. Booth: 2.420

Ameco Medical Industries is manufacturer and OEM supplier for a full range of dialysis, interventional Urology, central venous catheters, sheath introducers and more. X and Y split Cath® & Twin Cath® are among our long term haemodialysis catheters. Smart Cath®, are among our short term catheters. UniQath is our new mid term catheter. The catheters are CE marked, FDA approved, Canadian & Russian registration. History of success stories to comply with all customer requirements.

Website: www.amecath.com

**Amgen** ........................................................................................................... Pre-Dinner Symposium Hall K

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. Amgen focuses on areas of high unmet medical need and leverages its biologics manufacturing expertise to strive for solutions that improve health outcomes and dramatically improve people’s lives. A biotechnology pioneer since 1980, Amgen has grown to be one of the world’s leading independent biotechnology companies, has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential. For more information, visit www.amgen.com and follow us on www.twitter.com/amgen.

Website: www.amgen.com
Amicus Therapeutics

Amicus Therapeutics is a biotechnology company at the forefront of therapies for rare and orphan diseases. The Company has a robust pipeline of advanced therapies for a broad range of human genetic diseases.
Website: www.amicusrx.co.uk/

Arbor Research / DOPPS

Arbor Research is a not-for-profit research organization based in Ann Arbor, Michigan, USA, conducting large studies in epidemiology and public health. With particular expertise in biostatistical analysis, clinical practice, the management and integration of large data sets, economics, and public policy, Arbor Research engages in health outcomes research on chronic disease and end-stage organ failure. Currently including the international Dialysis Outcomes and Practice Patterns Study, Peritoneal Dialysis Outcomes and Practice Patterns Study and the Chronic Kidney Disease Outcomes and Practice Patterns Study, www.DOPPS.org.
Website: www.DOPPS.org

ASN - American Society of Nephrology

ASN: Leading the Fight Against Kidney Diseases
Vision - To prevent, treat, and cure kidney diseases.
Mission - ASN leads the fight to prevent, treat, and cure kidney diseases throughout the world by educating health professionals and scientists, advancing research and innovation, communicating new knowledge, and advocating for the highest quality care for patients.
Website: www.asn-online.org

Asahi Kasei Medical

Asahi Kasei Medical is a world leader in research, development, and production of devices and systems for blood treatment and purification based on advanced membrane separation and adsorption technologies. It serves the global market with hemodialysis, intensive care, therapeutic apheresis and blood transfusion high-tech advanced products. Information about Asahi’s membranes, adsorbents and full range of products can be found on our website at: http://www.asahi-kasei.co.jp/medical/en/
Website: www.asahi-kasei.co.jp/medical/en/
Austrian Society of Nephrology, Österreichische Gesellschaft für Nephrologie

The ÖGN represents 270 nephrologists and 79 facilities specialised in the management of patients suffering from all acute and chronic kidney diseases. Our Society’s primary intention is to ensure that every patient has access to all modern and up-to-date diagnostic and therapeutic options in nephrological care. The society has developed the 60/20 project to increase awareness of kidney disease, its timely diagnosis and structured care to prevent progression and, if necessary, planned preparation for renal replacement therapy. The ÖGN is particularly proud of its Dialysis and Transplant Registry, which collects data on all patients undergoing renal replacement therapy in Austria.
Website: www.niere-hochdruck.at

B. Braun Avitum AG

B. Braun Avitum has been a leading provider of dialysis care products for more than 30 years. The product range includes dialysis machines and dialysis consumables for chronic and acute dialysis as well as comprehensive product portfolio for special blood cleansing processes to treat conditions such as lipid metabolic disorders. In addition B. Braun Avitum operates more than 300 renal care centers - all featured with state-of-the-art equipment and serviced by highly professional healthcare staff. Additional services such as diet programs, holiday dialysis and pre-dialysis programs are offered in most countries, and B. Braun Avitum cooperates fully with local transplant organizations.
Website: www.bbraun-dialysis.com

Bain Medical

BAIN MEDICAL is a professional manufacturer of hemodialysis products. Our main products Dialyzer, Blood Tubing Line (BTL), AV Fistula needle (AVF) and dialysis care kit have been exported to over 60 countries and cover more than 50 percent of domestic market, where all of them enjoy a good reputation of high quality with competitive price. Many top brands are doing OEM/OBL with us and our company has developed into the largest supplier of BTL in the world.
Website: www.bainmedical.com
Exhibitors

Baskent University-Turkey .............................................................................................. Booth: 1.225
Baskent University was founded in 1993, as one of the foundation universities of Turkey. The founder and honorarary president, Prof. Dr. Mehmet Haberal, performed the first successful transplantation surgery in Turkey (1975) and is renowned worldwide in the medical community. Baskent University has a broad spectrum of faculties in all branches of science including medicine; dentistry; engineering; administration, social, political, financial sciences and law. Above all, the main interesting field of the university is medicine. The university has 12 hospitals, dialysis centers and burn units all over the country and works therefore in a medical network. Besides all medical departments, our scientific efforts are especially concentrated in the fields of liver, heart and kidney transplantations, HLA typing and immunogenetics and burn care.
Website: www.baskent.edu.tr

Baxter .......................................................................................................................
Baxter International Inc. provides a broad portfolio of essential renal and hospital products, including home, acute and in-center dialysis; sterile IV solutions; infusion systems and devices; parenteral nutrition; biosurgery products and anesthetics; and pharmacy automation software and services. The company’s global footprint and the critical nature of its products and services play a key role in expanding access to healthcare in emerging and developed countries. Baxter’s employees worldwide are building upon the company’s rich heritage of medical breakthroughs to advance the next generation of healthcare innovations that enable patient care.
Website: www.baxter.com

Bayer ................................................................................................Pre-Dinner Symposium Hall N
Bayer: Science For A Better Life
Bayer is a global enterprise with core competencies in the Life Science fields of health care and agriculture. Its products and services are designed to benefit people and improve their quality of life. For more information, go to www.bayer.com
Website: www.bayer.com
Bellco ................................................................................................................................. Booth: 1.270

BELLCO is a leader in systems for hemodialysis and extracorporeal blood purification. Our therapies and systems are employed for the treatment of renal failure, multiple organ failure, sepsis and cardiac decompensation. We are focused on satisfying the needs of patients and experts through: INNOVATION, RESEARCH, DEVELOPMENT of advanced nephrology, Intensive Care and Cardiology therapies. Our aim is to improve the renal health of patients across all demographics, and bring clear medical and economic benefit to healthcare systems and society. Customized therapeutic options are common to the three new devices: AMPLYA™ (Acute); FLEXYA™ (Chronic); CARPEDIEM™ (Neonatal).

Website: www.bellco.net

Binding Site ...................................................................................................................... Booth: 2.430

Does your patient have unexplained renal impairment? Visit hall 2 stand 2.430 to discuss how; Binding Site’s Freelite® serum test for free kappa and lambda immunoglobulin light chains can help “Rule in or Rule out” cast nephropathy in these patients.

• Why it’s important to use the polyclonal Freelite test for early detection
• How your myeloma patients could become dialysis independent
• Which diagnostic protocol is recommended by the International Kidney and Monoclonal Gammopathy Research Group

Website: www.bindingsite.com

Biolight Co., Ltd. ............................................................................................................... Booth: 1.72

Biolight has been dedicated in manufacturing medical instruments and consumables for more than 20 years. Product range includes Patient Monitors, ECG, Life Care and Blood Purification products. In which blood purification products, we intend to provide integral solution to dialysis centers with hemodialysis machine and related consumables. Since July of 2011 Biolight became a public listed company, our products and services spread out over 130 countries and regions all around the world.

Website: www.blt.com.cn
Bionic Medizintechnik GmbH

Bionic Medizintechnik GmbH located in Friedrichsdorf near Frankfurt/Main, Germany is for more than 30 years specialist for products in vascular access and therapy chairs. As a member of the JMS group we are the headquarter for all activities in Europe.
Website: www.bionic-jms.com

Bioteque Corporation

Bioteque Corporation provide solutions in many critical applications such as nephrology and dialysis, cardiovascular catheters, endourology, interventional radiology. All our facilities are accredited with ISO 13485 and compliant with FDA, GMP and Quality System Regulations. We are supplying quality products include: Pigtail Drainage Catheter / Double Pigtail Ureteral Stent / PCN kits for Nephrostomy, Hemodialysis Bloodline / AV Fistula Needles, IV Infusion Bags, Double Lumen Dialysis Catheter, CVC catheter, CAPD solution system. Our facility is ISO13485, CE-0434 accredited and passed FDA establishment audit . For more information, please visit our website www.bioteq.com.tw
Website: www.bioteq.com.tw

BMVITEK

BMVITEK is a Central Dialysate Delivery System(CDS) company, manufacturing and selling machine and its powders, based in South Korea. Kidney Management System (scale for CKD patients) is manufactured and sold as well. Our CDS System is delivering Acid and Bicarbonate concentrate solutions through each pipelines into patient station independently unlike Japanese or US’s systems. It is hygenic, economic, and easy to mange.
Website: www.bmvitek.com
Bodystat Ltd. .................................................................................................................... Booth: 2.425
From the late 1980’s BODYSTAT Ltd has grown to be a global organisation and leading
developer of body composition and hydration assessment using bioelectrical impedance (BIA)
technology Bodystat’s latest BIS (spectroscopy) device, the MultiScan 5000 uses Cole Modelling
to display the VOLUME OF OVER-HYDRATION during renal failure and haemodialysis. The
MultiScan 5000 also displays the raw data at 50 frequencies up to 1000 kHz to track changes
in hydration to help assess DRY WEIGHT. See validation paper: Calf Bioimpedance Ratio
Improves Dry Weight Assessment and Blood Pressure Control in Hemodialysis Patients. (Yi-
Website: www.bodystat.com

Boehringer Ingelheim and Eli Lilly and Company .......Lunch Industry Symposium Hall E
Boehringer Ingelheim and Eli Lilly and Company
In January 2011, Boehringer Ingelheim and Eli Lilly and Company announced an alliance in
diabetes that centres on compounds representing several of the largest diabetes treatment
classes. The alliance leverages the strengths of two of the world’s leading pharmaceutical
companies. By joining forces, the companies demonstrate commitment in the care of patients
with diabetes and stand together to focus on patient needs. Depending on geographies, the
companies either co-promote or separately promote the respective molecules each contributed
to the alliance.

Chiesi Farmaceutici S.p.A. ..............................................................Booth: 1.210
Chiesi Farmaceutici S.p.A. was founded in 1935 and for decades has been a responsible
partner for the medical community in both respiratory and specialty care areas. During these
years, Chiesi Group has grown to be a global pharmaceutical company, now present with 26
affiliates worldwide, 6 research centres (Italy, UK, US, France, Sweden, Denmark) and more
than 4,200 employees. Today, the company commitment focuses on historical areas as well as
on advanced therapies and new special care areas, such as transplantation. The signature of
the agreement with Veloxis Pharmaceuticals for the commercialisation of a novel formulation
tacrolimus was the first important sign of Chiesi commitment in this new area.
Website: www.chiesigroup.com/en/home
Clearum GmbH ............................................................................................................... Booth: 1.271
CLEARUM is a manufacturer of Hollow Fiber Membranes for medical applications. We develop, manufacture and sell customized membranes for low and high flux dialyzers as well as for special filters like steril-, hemo-, endotoxin-, bacteria or water-filters. We are a young company founded by a management team with several years of industrial experience in this field.
Website: www.clearum.de

Clinical Nephrology ..................................................................................................... Booth: 1.278
For almost 40 years, “Clinical Nephrology”, a Dustri-Verlag publication, has been one of the leading journals in its field. Under the editorship of H.H. Malluche (Lexington, KT, USA) - supported by 18 Section Editors - the Editorial Quality has improved significantly due to a remarkable increase of manuscript submissions. Also ask for our Special Fellowship program. Our new online Journal “Clinical Nephrology - Case Studies” offers the possibility to publish open access case reports.
Website: www.clinnephrol.com

Cooperativa EDP La Traccia ......................................................................................... Booth: 1.172
Cooperativa EDP LaTraccia is a company that operates internationally in the ICT field. We offer assistance to companies and institutions wishing to successfully address important processes of technological change. With a strong results orientation, we offer our customers counselling, services and integrated IT products to cover the strategic, operational and technological aspects of human resources. The corporate headquarters is located in the Sassi, the old district of the city of Matera U.N.E.S.C.O. heritage. Set in a unique landscape, it is fascinating to see the juxtaposition between the archaic beauty of the rooms excavated in the tufa stone and the modern technological tools.
Website: www.latraccia.it
CorMedix Europe GmbH ........................................................................................................ Booth: 3.171
The CorMedix Europe GmbH is a 100 % subcompany of CorMedix Inc., a commercial-stage pharmaceutical company that seeks to in-license, develop and commercialize therapeutic products for the prevention and treatment of inflammatory and infectious diseases. CorMedix’s first commercial product in Europe is Neutrolin®, a catheter lock solution for the prevention of catheter related bloodstream infections and maintenance of catheter patency in tunneled, cuffed, central venous catheters used for vascular access in hemodialysis patients, in addition to oncology patients, critical care patients and patients receiving total parenteral nutrition, IV hydration, and/or IV medications.
Website: www.cormedix-europe.com

Croatian Society of Nephrology, Dialysis & Transplantation, Croatian Medical Association ..................................................Booth: 1.50T
Croatian Society for Nephrology, Dialysis and Transplantation of Croatian Medical Association (CSNDT) is established as a non-profit organization of nephrologists and other physicians involving in treatment of patients with kidney disease, high blood pressure and kidney failure in October 1992. In the same year, in Paris, it became a member of ERA EDTA and in 1995, in Madrid, CSNDT, became a member of ISN. Today it has more than 220 nephrologists and other physicians that take care of nephrology patients all over Croatia in 50 renal centers and hospitals.
Website: www.hdndt.org

Crystal Clear Ltd. ............................................................................................................ Booth: 1.204
The Crystal Clear LTD. company is founded in 2008 and specialized in producing dialysers with polysulphone membrain and different active surface areas. The dialysers are with polypropylene housing and are BPA and DEHP free. Crystal Clear’s dialysers are with perfect biological indicators and clearance. All our products have CE marking. Crystal Clear LTD. has its own base for producing installations for water and air purification. We are certified according to ISO 13485:2003. We are offering wide range of productivity of reverse osmosis systems suitable for all types of dialysis centers. Crystal Clear Ltd. is also producing double pass reverse osmosis with on-line design.
Website: www.crystalclear.bg
Culligan

Culligan is one of the longest-established best-known companies in the water treatment sector, founded in Chicago in 1936. Culligan works in the water treatments for the most diverse industrial processes, from food to pharmaceuticals, from electronics to medicine, printing, healthcare, dialysis, wastewater, etc. The Culligan Technical Department designs and constructs complete treatment systems, selected and sized after a personalized analysis of the customer’s need. In the International operation, several country branches have been created and a large network of independent dealers, agents and service centers is operating worldwide.
Website: www.culligan.it

CVRx, Inc.

CVRx, Inc. is a privately held company founded in 2001 and headquartered in Minneapolis, Minnesota. The company has developed the second-generation Barostim neo®, a minimally-invasive implantable system and the only device CE Marked for the separate indications of resistant hypertension and heart failure. Barostim neo is commercially available in over 20 countries and under clinical evaluation for the treatment of hypertension and heart failure in the United States.
Website: www.cvrx.com

Czech Society of Nephrology, Prague

The Czech Society of Nephrology (CSN) is a successor of the Czechoslovak Society of Nephrology (founded 1958). Its first president was Jan Brod, one of the co-founders of the ISN. CSN unifies more than 450 members from 103 dialysis units, 7 transplant centers, 7 university departments and many regional facilities. RRT patients’ number reaches 1008 PMP. CSN organizes national congresses (bi-yearly), many educational and scientific meetings, ERA-EDTA Postgraduate CME courses and several international meetings. CSN manages several national-wide registries: The Czech Registry of Renal Biopsies, Registry of Dialyzed Patients, Registry of Patients with CKD4, and Registry of Patients with AAV.
Website: www.nefrol.cz
DaVita Kidney Care ....................................................................................................... Booth: 2.375
DaVita Kidney Care is a global provider of kidney care services, operating in 12 countries and serving more than 190,000 patients at 2,300-plus dialysis centers around the world. DaVita strives to improve patients’ quality of life, in coordination with physicians, through clinical innovation and optimized clinical outcomes, and is purely focused on providing healthcare services. We aim to build the greatest healthcare community the world has ever seen by innovating and adding value to kidney care while being a role model for global care.
Website: www.davita.com/international

DGfN e.V. (German Society of Nephrology) .............................................................. Booth: 1.50M
Year of the Society’s creation 2008
Approximate number of members: 2,500 (date of the last update 14/04/2016)
President: Prof. Dr. Jürgen Floege
Vice presidents:
Prof. Dr. Kerstin Amann
Prof. Dr. Mark Dominik Alscher
Prof. Dr. Andreas Kribben
Dr. Thomas Weinreich
Website: www.dgfn.eu

Diaverum ..................................................................................................................... Booth: 2.350
At Diaverum, our mission is to improve the quality of life for renal patients by revitalising them both physically and emotionally. Being one of the world’s leading renal care providers, Diaverum offers a holistic approach, from preventive and early stage renal care to all renal replacement therapies. As a product independent provider — the largest in Europe — we are able to focus solely on caring for the individual needs of our patients. Today, 9,000 employees care for more than 29,000 patients in 20 countries in Europe, Latin America, Middle East, Australia and Eastern Europe. Diaverum has its roots in Lund, Sweden and a corporate office located in Munich, Germany.
Website: www.diaverum.com
DWA GmbH & Co. KG

DWA is a global player for conception, planning and integration of water treatment, concentrate supply and media supply systems for dialysis centers. As manufacturer and supplier of all required systems for media supply DWA has established an excellent image. DWA products “made in Germany” are successful and operate reliably world-wide. In the sensitive world of dialysis DWA’s innovative technologies allow users and patients to look to the future with trust and confidence.

Website: www.dwa-online.com

EDTNA/ERCA

The European Dialysis and Transplant Nurses Association/European Renal Care Association (EDTNA/ERCA) was established in 1971 to address the special needs of nurses, physicians, social workers, dieticians, technicians, transplant coordinators and unit managers that care for patients with CKD and those requiring RRT. Today, 45 years later we still are working with the same goal as from the very beginning-our focus is on our Patients. Our objectives are:
- Improving the knowledge of renal care professionals to enable them to deliver quality care to patients, their families and carers
- Further expansion and development of the Brand Ambassador’s Programme
- Maintain the relationship between Industry Partners and the Association

Website: www.edtnaerca.org/

Education & Future Events

The need of continuous up-dating for doctors working in the fields of nephrology, dialysis and transplantation is one of the missions of ERA-EDTA. Visit the booth to collect information about the courses organised or supported by ERA-EDTA in several countries, and also information about other courses and events of great educational level.
Effe Emme Spa................................................................................................................. Booth: 3.115
We have been producing single use set for more than 35 years. Our company structure, always evolving, allows us to promptly react to the increasing requirements of the market. Our customers have confidence in us as a reliable partner with a track record of long lasting cooperation. On time delivery and service are our standard.
Website: www.effeemme.it

Emodial .............................................................................................................................Booth: 2.340
Established in 1982, Emodial has experienced a strong growth process. Through the most innovative instruments, the company has qualified its presence onto the local market also projecting itself on the international scenery. Emodial manufactures and supplies a complete range of consumable for dialysis: AVF pads, plasters and bandages, ON/OFF sets for HD and PD, exit-site and fistula dressings based on silver to control and prevent infections of the vascular access. Emodial is also widely known for the waterproof pockets EXIT-POCKET WP, which allow all patients with catheters to take showers, baths and to swim!
Website: www.emodial.it

ERA-EDTA Activities..........................................................................................................Booth: 01
With more than 7,000 members, the ERA-EDTA is one of the biggest nephrology associations worldwide. It supports basic and clinical research and several ERA-EDTA working groups reflect the most essential topics in nephrology and its affiliated disciplines. The “European Renal Best Practice” (ERBP) publishes guidelines and position statements. Besides, the ERA-EDTA maintains a registry assessing nephrology practice throughout Europe. Another important goal of the ERA-EDTA is education: several CME-courses and the annual congress cover the need of continuous medical education. Thereby, a special focus is placed on young doctors and scientists – with a special “Fellowship Programme” and a Young Nephrologists’ Platform (YNP). The association’s journals, NDT (Nephrology, Dialysis, Transplantation) and ckj (Clinical Kidney Journal), are currently the leading ones in Europe.
Website: www.era-edta.org
ERA-EDTA Madrid 2017 Congress......................................................... Booth: 03
The 54th Annual Congress of ERA-EDTA will be held at the Ifema - Feria de Madrid - North Congress Center, June 3-6, 2017. Visit the booth to learn more about the destination and the hotels.
Website: www.era-edta2017.org

ESOT - European Society for Organ Transplantation .............................. Booth: 1.250
The European Society for Organ Transplantation (ESOT) is the main umbrella organisation under which several European transplant activities are organised. ESOT works with partner organisations to structure and streamline educational activities, ESOT’s mandate is to represent the goals and the needs of transplantation surgery, with members including physician, surgeons, scientists and transplant professionals. Several Sections and Committees within ESOT represent expert knowledge on the respective organs and speciality fields. ESOT gathers the European and international transplant scene at its biennial Congress. The next Congress will be on 24-27 September, 2017 in Barcelona. Please visit us www.esot.org
Website: www.esot.org

EuroPD .............................................................................................................................. Booth: 1.255
Back in 1992, the EuroPD meeting was created as a focus for the study of basic science in PD. We have come a long way since then and today our bi-annual meetings bring together basic and clinically applied science for the advancement of PD therapy throughout Europe and beyond. We consistently score top marks for the quality and relevance of our programme and regularly attract 1500-2000 participants worldwide. Visit our booth to find out more about the 2017 meeting.
Website: www.europd.com
Farmasol Tibbi Urunler San Ve Tic A.S. ................................................................. Booth: 3.119
Farmasol is a leading hemodialysis consumables manufacturer namely, solutions, bicarbonate cartridges and bag, disinfectant, bloodlines and dialyzers. 70% of his production is being exported to more than 35 countries. Farmasol and his partner German Alpha Plan’s PURIFIER Polyethersulfone dialyzers are one of the best a few dialyzers. Capillaries of the PURIFIER Dialyzers are from German MEMBRANA’s new technology Purema fibers. We have got amazingly good clinical results from our PURIFIER Dialyzers. We are proud to announce that since 2008 we have been manufacturing two additional new products per year, thus the product range of FARMASOL is expanding from year-to-year more and more.
Website: www.farmasol.com.tr

Fresenius Medical Care .......................................................................................... Booth: 2.160
Fresenius Medical Care is the world’s leading provider of products and services for people with chronic kidney failure. We offer products and services along the entire dialysis value chain from a single source. We care for nearly 300,000 patients in our global network of more than 3,300 dialysis clinics. At the same time, we operate 40 production sites on all continents, to provide dialysis products such as dialysis machines, dialyzers and related disposables. We aim to continuously improve the quality of life of patients with kidney disease by offering products and treatment concepts of the highest quality. Along with the core business, we focus on expanding the range of additional medical services in the field of care coordination.
Website: www.freseniusmedicalcare.com

Gardhen bilance S.r.l. .......................................................................................... Booth: 1.206
Gardhen bilance is a company presents in most parts of the world thanks to its exclusive distributors and to high quality of the products. The beds and chairs with or without scales are presents in all privates dialysis centers and dialysis hospital departments. Gardhen bilance manufactures medical devices and weighing systems in conformity to ISO 9001:2008, ISO 13485:2003, 93/42/CEE. Design, comfort, robust construction is our mission.
Website: www.gardhenbilance.it
Exhibitors

Glomeria Therapeutics ................................................................. Booth: 2.362
Glomeria Therapeutics is fully focusing on research, development, and commercialization in
the global market of an innovative breakthrough peritoneal dialysis (PD) therapeutic platform
for end stage renal disease (ESRD) patients, addressing the main clinical needs:
- Desmo PD, a connecting device able to fully prevent bacteria contamination, offering
  an “intrinsically safe” connectology for both APD and CAPD.
- Smart PD, a new APD machine offering continuous peritoneal pressure measurement and
  personalized dialysis.
- PD Solutions with safe osmotic agents.
All products are IP protected with various internationally granted patents and patent
applications (list available on request).
Website: www.glomeria.com

Greiner GmbH .................................................................................. Booth: 3.310
Made by GREINER is made in Germany. 1922 is the founding year of the family-owned
company. Excellent sitting comfort, high-class functionality and technology as well as high
quality characterize the products.
GREINER produces chairs and coaches for different application areas:
- Dialysis - Oncology - Blood and Plasma donation - Ambulant care - Mobilisation
- Transport - ENT - EEG - Examination - Work stools - Elderly homes
Website: www.greiner-gmbh.de

Hellenic Society of Nephrology ......................................................... Booth: 1.50G
Hellenic Society of Nephrology, abbreviated HSN, was founded in 1970 and it is a non-political
and no-profit medical-scientific association, with its headquarters in Athens. Its principal
aim is to promote all fields of Nephrology including basic science, clinical nephrology,
haemodialysis-peritoneal dialysis and renal transplantation. Moreover, HSN encourages and
support continuous education, training and updating to its members by organizing every
year several educational meetings and seminars. Finally, the Society organizes every two
years a National Congress with the aim to share scientific work results within its members
and to present the latest scientific developments worldwide in all fields of Nephrology.
Website: www.ene.gr
Herco Wassertechnik GmbH .............................................................. Booth: 3.160
Herco develops and offers complete water treatment solutions for dialysis applications since 1980. Products are: Water softeners, filters, reverse osmosis, ring main, bed head media panels, central concentrate distribution- and mixing systems. Reverse osmosis units for haemodialysis purposes according to MDD, TÜV approved.
Website: www.herco-wt.de

Hungarian Society of Nephrology ....................................................... Booth: 1.50S
Our Society (HSN) is a scientific association. Our scientific journals are „Hypertonia és nephrologia” and „Kidney and blood pressure research” at the interface of nephrology, hypertension and cardiovascular research. The HSN and his partners are promoting knowledge about kidney diseases to the public through the “National Kidney Program”. The HSN contributes to research directly by funding research projects. Recently to articulate the specific endeavors of the new generations the HSN - in conjunction with the EDTA-ERA Young Nephrologists’ platform – has prompted the formation of a young nephrologists working group within the society and sponsored their entry into EDTA-ERA. Visit the booth to learn more about our programs and the Society.
Website: www.nephrologia.hu

ICD Group .......................................................................................... Booth: 1.173
ICD GROUP is a complex of specialized companies in dialysis industry being active in various fields including the production and supply of dialysis products and equipment as well as the provision of specialty services. The idea of establishing the consortium was posed in 2002. The founder of the ICD which also initiated the production of dialysers was Meditechs Co. By the gradual development of facilities and capabilities, eight other companies; namely Pharmed Medical Industries, Samin Teb Soroush, Novatis Teb, Nixxamed, Medway Teb Pouyan, Pharmed Plast Pouyan, Medicina Serum, and Nova Pharmed Chemia were also established and the Consortium’s field of activities was expanded.
Website: www.icdgroup.org
Immundiagnostik AG, founded in 1986, is a globally operating diagnostics company represented in more than 60 countries. Focus is on the development and production of innovative immunoassays (ELISA, EIA) and other analytical detection methods (e.g. HPLC, LC-MS/MS and PCR) for medical routine and research. Immundiagnostik’s mission is to provide effective tools for prevention, differential diagnosis and therapy monitoring in the areas of gastroenterology, cardiovascular diseases, disorders of the skeletal system and oxidative stress. The product portfolio is completed by a broad range of antibodies and antigens.

Website: www.immundiagnostik.com

Infomed, worldwide player on blood purification devices offers complete solutions for chronic and acute renal replacement (homecare and hospital environment) and for plasma therapies. Active since 1997, Infomed continuously innovates to create devices designed to reach your topmost needs. Dimi, our homecare dialysis device, is the partner for a new life at home. In a few words, Dimi was thought to offer the freedom to provide the optimal treatment conditions fulfilling the patient requirements. Our products are adapted for adult, child and babies. Infomed is your trustful supporter for your extracorporeal project.

Website: www.infomed.biz

Inspramed Medical is an international medical company located in Kayseri Free Zone, Turkey. It specializes in producing haemodialysis consumable products. Within its product range are Insprasol haemodialysis acidic and basic concentrates which is suitable for all models of dialysis machines, Inspracart haemodialysis bicarbonate cartridges suitable for Gambro, Nipro, BBraun, Baxter and Nikkiso machines, Insprabag haemodialysis bicarbonate bags for Fresenius machines and Inspradez haemodialysis machine disinfectants used for all brands of dialysis machines.

Website: www.inspramed.com.tr
Intermed Medizin & Technik GmbH

Intermed was founded in 1997 and is a specialist for dialysis concentrate production systems. The fully automatic dry concentrate system ECOMix “The Original” in combination with ECOCart allows the production of concentrate in your own dialysis center. We don’t transport any water. Our reusable cartridge “ECOCart” contains all raw materials in dry form for the production of 750 l acid concentrate. And with our new Product ECOMIX Revolution you also have the possibility to use the ECOCart “ToGo” our one way cartridge. Made in Germany for the World.
Website: www.intermedt.de

International Society of Nephrology (ISN)

The International Society of Nephrology (ISN) is a global not-for-profit membership-based society dedicated to improving kidney care and reducing the incidence and impact of kidney disease worldwide. Through its global network and programs, ISN brings together the developing and developed worlds in a collaborative effort in fighting and treating kidney disease on a global scale. With 9,000 professional members from 129 countries, ISN represents a wide international network. By collaborating with over 80 national and regional societies, ISN represents about 20,000 professionals around the globe.
Website: www.theisn.org

International Society for Peritoneal Dialysis (ISPD)

The International Society for Peritoneal Dialysis (ISPD) is a global not for profit organization that is committed to advancing the knowledge and improving the practice of peritoneal dialysis around the world. ISPD is actively involved in a number of specific projects in partnership with other renal associations providing educational support to develop PD access and availability especially for acute kidney injury in less developed countries. The ISPD publishes Peritoneal Dialysis International (PDI) on a bimonthly basis. Visit the ISPD booth to learn more about our educational activities and fellowships, and the upcoming ISPD Congress in Vancouver, May, 2018. Please visit: www.ispd.org for more information.
Website: www.ispd.org
**Exhibitors**

**Italian Society of Nephrology** ................................................................. Booth: 1.50Y
SIN “Italian Society of Nephrology”, is a free, non-political and no-profit medical-scientific association, with its headquarters in Rome. Its principal aim is to promote and valorize Nephrology in all its clinical and scientific aspects. Moreover, SIN encourages education, training and constant update to his members and healthcare workers. Founded in 1957, Italian Society of Nephrology reunites nephrologists, physicians and other scholars, experts and professionals, active in various sectors of Nephrology without personal or work discrimination. SIN organizes an Annual Meeting. It promotes study groups in order to develop and examine issues and technologies in specific nephrology’s fields.
Website: www.sin-italy.org

**Jafron Biomedical Co., Ltd.** ................................................................. Booth: 1.164
Jafron Biomedical, established in 1989, is a leading enterprise in Chinese blood purification industry. Its main products hemoperfusion cartridges are of high quality for patients suffering from uremia, intoxication, critical illness, HSP, SLE and liver failure, etc. Now with over 80% market share in China, Jafron’s products have received recognition and support from top experts and experienced doctors and are clinically applied in more than 3000 influential hospitals. We have got CE certificate for our products and now we are ready to explore the world-wide market together with you.
Website: en.jafron.com/

**Jiangxi Sanxin Medtec Co, Ltd** .......................................................... Booth: 1.165
Jiangxi Sanxin Medtec Co., LTD is the national high and new technology enterprise focusing on researching and developing, manufacturing and marketing of medical devices. It was establish in March, 1997. The company is the national designated disposable medical devices manufacturing enterprise obtained CE, CMD certificates for products and quality management system, and getting FDA 510(K) pre-marketing approval in the United States. The main products of the company are “catheter tubing series”, “blood purification series”, “syringe series” and “infusion & transfusion series” four series products with total over 30 types of more than 1000 specifications. more than 60 countries and regions.
Website: www.sanxin-med.com
Jihua Medical Apparatus & Instruments Co., Ltd. Guangzhou ................................. Booth: 1.5
JIHUA MEDICAL, established in 2000, is a hi-tech shareholding enterprise, we specially dedicate in designing, researching and manufacturing and marketing hemodialysis equipment and the concerned consumables ie. Dialysis machine, CRRT machine, Dialysis chair, RO water unit, Dialyzer reprocessing machine, Hemoperfusion machine and Blood pump and Dialyate string machine etc. Our company are certified with ISO 9001/13485 and our products are CE marked, so far we exported our products to more than 70 countries. JiHua’s vision is to be the leadership on nephrology with the most professional and sustainable development ability and outstanding corporation culture.
Website: www.ji-hua.com

Joline GmbH & Co. KG ............................................................................................. Booth: 2.310
Joline GmbH & Co. KG has built on a long tradition in the development and production of dialysis catheters and has been manufacturing medical products under the highest “Made in Germany” quality standards for more than a decade. Advanced production technology and medical expertise ensure production consistency and reliability. Joline guarantees exceptional medical product quality in compliance with Germany’s high standards.
Website: www.joline.de

Journal of Renal Nursing / Journal of Kidney Care .................................................. Booth: 1.277
The JRN is the only bi-monthly peer-reviewed clinical title available for all renal professionals. It is a subscription-based publication targeting the multidisciplinary renal team: nurses in particular, but also healthcare assistants, pharmacists, physicians and dietitians working in the renal setting. The JRN is supported by an eminent editorial board: Peter Ellis, Senior Lecturer, Nursing and Applied Clinical Studies, Canterbury Christ Church University and Karen Jenkins, Nurse Consultant, Kent and Canterbury Hospital, Founder member of ANSA and member of the NICE AMCKD Guideline Development Group.
Website: www.magonlinelibrary.com/toc/jorn/current
Exhibitors

JSN - Japanese Society of Nephrology

The mission of the Japanese Society of Nephrology (JSN) is to aid in the practice and study of Nephrology. In order to achieve this, the JSN conducts a range of activities. These include holding regular meetings as a forum for the diffusion of information, producing regular journals, coordinating clinical research, promoting cooperation with related societies in Japan and internationally, as well as providing recognition to those who have made significant contributions in the field of Nephrology. The annual meeting of the JSN will be held in Yokohama on June 17 to 19, 2016.
Website: www.jsn.or.jp/en/index.php

KDIGO - Kidney Disease: Improving Global Outcomes

Kidney Disease: Improving Global Outcomes (KDIGO) is an independent foundation incorporated in Belgium accountable to the public and the patients it serves. Its mission is to improve the care and outcomes of kidney disease patients worldwide through the development and implementation of global clinical practice guidelines. KDIGO has published 9 clinical practice guidelines to date. New guidelines are under development and guideline update projects are currently underway as well. KDIGO also has a Global Network of more than 800 prominent volunteers from around the world. They serve on guideline work groups, conference steering committees and its governing body, the Executive Committee.
Website: www.kdigo.org

KfH Kuratorium für Dialyse und Nierentransplantation e.V.

KfH’s foremost mission is guaranteeing medical care for patients suffering from chronic kidney ailments: preventing kidney ailments, delaying dialysis or avoiding it altogether and promoting kidney transplantation. Physicians, nursing staff and administrative employees are working in more than 200 KfH kidney centres or KfH medical care centres for 18,700 dialysis patients and over 57,000 patient consultations. Most of our 1,100 KfH’s physicians are specialists for internal medicine focusing on nephrology and all of our 6,900 workers are specially qualified for their work and receive regular on-hands advanced training at KfH’s own training centre.
Website: www.kfh.de
Kimetec GmbH

The company Kimetec GmbH is a German manufacturer of medical products. Diagnostical instruments like stethoscopes, tourniquets, percussion hammers and nurse watches. It is the strength of this company to react to current tasks and trends in a fast and precise way and find specific solutions for each customer. Kimetec GmbH owns numerous patents to maintain a high standard. The Swabian company was established in Ditzingen in 1989. During the years, engineering knowledge has been advanced consistently to introduce various types of products in the market.

Website: www.kimetec.de

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Latvian Association of Nephrology (Latvijas Nefrologu asociācija)

All 50 nephrologists, members of LAN, are enthusiasts in saving lives of our people, promoting healthy lifestyle and caring for native and artificial kidneys.

Website: www.nefrologs.lv

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Likamed GmbH

Likamed stands for focused on design and quality and has been successful in the medical sector for more than 35 years. As a major manufacturer of high quality equipment for medical facilities in the area of treatment chairs, beds and innovative medical technology we are committed to serving our customers with great dedication. We are only satisfied if the customer returns, not the product.

Website: www.likamed.de
Lithuanian Nephrology, Dialysis and Transplantation Association (LNDTA) Booth: 1.50Q
Lithuanian Nephrology, Dialysis and Transplantation Association (LNDTA) was founded in 1992. LNDTA is a nonprofit public professional organisation, seeking to coordinate clinical practice, research and educational activities in the field of nephrology in Lithuania. Association has 292 active members. LNDTA activities: 1. Organisation of international and national conferences, World Kidney Day events, 2. Preparing of local treatment recommendations; 3. Cooperation with Nurses Association, Kidney Patient Organisation; 4. Implementation of KDIGO guidelines on AKI, Renal anemia, Glomerulonephritis and CKD (translated into Lithuanian language, published, introduced during national conferences).
Website: www.lndta.lt

Macedonian Society of Nephrology, Dialysis, Transplantation and Artificial Organs (MSNDTAO) ................................................. Booth: 1.50B
MSNDTAO since its creation in 1992 has a history of 4 National Congresses and this year we’ll have our anniversary of the fifth Congress. In addition, many section and international meetings with nephrologists from the neighboring and countries from former YU exchanging knowledge and updating the current information of specific topics have been held over the years. Throughout the Society we support the World Kidney Day and Donor Day initiatives and promote publicly and professionally improvement in kidney transplantation program as well as other types of renal replacement therapy. Our society is also an initiator of the BANTAO Society creation and we do hope to host for third time Bantao Congress in Macedonia in 2019.
Website: mzndtvo.wix.com/en

Maltron International Ltd ................................................................. Booth: 2.342
Maltron will show case the world’s first real-time, continuous Monitor which can be used whilst the patient is being dialysed for quantification of Excess Fluid, Dry Weight, GFR, Intra/ Extracellular Fluid Balance, Malnutrition, loss of Muscle Mass and Body Composition. The first system, calibrated for use on Adults including Paediatric. The 2 in one BIAFDSA+ technology allows HD and PD patients to be assessed. Maltron has been in the forefront of Impedance technology and a leading manufacturer that has pioneered the use of BIA for Dry weight, GFR, and established many clinical Biomarkers for ill health, Malnutrition, Fluid overload and others.
Website: www.maltronint.com
Maider Medical Industry Equipment Co., Ltd. .......................................................... Booth: 1.171
Maider Medical Industry Equipment Co., Ltd. is specialized in design, R&D, manufacture and sales of medical products assembly automation line. As a national hi-tech enterprise as well as a ‘double-software’ enterprise, Maider helps to realize substitution for human labor with equipments, improve production efficiency and promote transformation as well as upgrading of medical products industry. Maider is now being a ‘turnkey solution provider’ from an ‘equipment supplier’. In addition, based on new edited GMP, Maider gradually realizes industrialization of ‘smart factory’ turnkey solution, and promotes medical products manufacturing companies to upgrade as ‘smart factory’.
Website: www.maiderchina.com

Maximus .......................................................................................................................... Booth: 3.100
Maximus is an intelligent system intended for controlling diagnosis treatment and business processes in the medical corporation. Maximus is a global information system intended for the optimization of healthcare efficiency and built on telemedicine technologies: automatic data collection, diagnosis and treatment planning, patients condition monitoring, consultation, analytical registers, staff control and training. This is a structured collective experience, integration of science, education and regulations. The system is used in nephrology and dialysis areas, inpatient and outpatient units, laboratories, ICUs and Nefrosovet surgery rooms. Maximus is a remote support and development, localization and scaling of multidisciplinary medical activity in Russia and abroad.
Website: www.nefrosovet.ru

Medcomp .......................................................................................................................... Booth: 2.400
Medcomp, well known for its wide range of cuffed and uncuffed venous access catheters will be offering new information. Medcomp’s blockbuster Split Cath® is still considered a workhorse catheter for the hemodialysis patient. Medcomp is the only company that has FDA approved pediatric dialysis catheters and ports demonstrating their commitment to serving all of their patients. Medcomp is able to provide a catheter to suit every medical requirement while also considering the patient’s comfort Company offers a new range of catheter locking solutions. They are provided in pre-filled syringes packed and sterilized in Tyvek pouches for more efficient off dialysis protocol.
Website: www.medcompnet.com
Exhibitors

Medica Spa .......................................................................................................................  Booth: 2.385
Medica is operating since 1985 in the biomedical district of Mirandola (Italy). Development of innovative products for blood purification has always been company’s core business. R&D focus has been integrated over the years with a broad offer of sterile single use products manufactured in three different facilities with a highly automated production systems. Hollow fiber spinning for hemofiltration, plasmapheresis and water ultrafiltration represents the core technology of the company. In recent years, the drive to find new products and markets has led the Group to launch the Medical Water Division, for the development and commercialization of microbial water filtration devices and to develop products for bio-regenerative medicine. Website: www.medica.it

Medikit Co., Ltd. .............................................................................................................  Booth: 2.415
Medikit is a global medical technology company whose goal is to fundamentally improve the quality of health through our medical devices. We take our social responsibility seriously and have a positive vision for the future: to become an organization that, by helping minimize unnecessary suffering and death from disease, will be recognized and respected as one of the world’s most reliable and best performing companies. We focus on I.V. Catheter, Hemodialysis catheter, Intervention and Neurovascular medical fields. Website: www.medikit.co.jp/english/index.html

MedVision AG ...................................................................................................................  Booth: 3.170
For more than 25 years now MedVision AG has been a global software developer and provider representing efficient and economic innovative solutions for the medical sector. MedVision observes acknowledged standards such as DIN EN ISO 9001 and DIN EN ISO 13485. MedVision’s NEPHRO 7 is market leader in the field of nephrological information systems in Germany. Features such as the multi-media electronic medical record or flexible text processing as well as further program modules assist the users in many ways. MedVision provides interfaces to hospital or laboratory information systems (HL7). Furthermore, data acquisition from medical devices independent of the device manufacturer is also possible. Website: www.medvision.de
MedXL Europe BV .......................................................................................................... Booth: 3.305
MedXL designs and manufactures quality healthcare products since 1992 and is a leader in setting the standards for safe, secure and efficacious prefilled syringe products. Our CitraFlow™ and Praxiject™ prefilled syringes are terminally sterilized. The result is products that can be used in all areas of a hospital including sterile fields. You are cordially invited to visit our stand to see and learn about the advantages of CitraFlow™ and Praxiject™ prefilled syringes for Vascular Access device maintenance. MedXL head office is based in Canada and the MedXL Europe office is based in The Netherlands. MedXL has the knowledge in citrate catheter lock / NaCl 0.9% flush prefilled syringes. Website: www.medxl.com

Meteka GmbH ................................................................................................................... Booth: 3.72
METEKA offers system solutions for the disinfection of infectious waste. Decontamination is carried out “on-site”, in a safe, practicable cycle - an economical, environmentally friendly solution that is easy to operate. By collecting waste in a transportable container and immediately neutralising it “on the spot” close to its point of generation, it is possible to prevent the spread of infections. Both dialysis and disposal staff, as well as patients and the public at large, are protected against injury and infection. Costly and problematic special waste transportation is no longer necessary. Protection of the environment is ensured by the lower CO2 emission burden, which greatly contributes “green dialysis”. Website: www.meteka.com

MSD ................................................................................................. Pre-Dinner Symposium Hall G
For 125 years, MSD has been a global health care leader working to help the world be well. MSD is a tradename of Merck & Co., Inc., Kenilworth, N.J., USA. Through our prescription medicines, vaccines, biologic therapies, and animal health products, we work with customers and operate in more than 140 countries to deliver innovative health solutions. We also demonstrate our commitment to increasing access to healthcare through far-reaching policies, programs and partnerships. For more information, visit www.msd.com Website: www.msd.com
The objective of the ERA-EDTA is the advancement of medical science and of clinical work in nephrology, dialysis, renal transplantation, hypertension and related subjects. To this purpose ERA-EDTA unites key nephrology stakeholders who share these objectives and therefore enhances the relationships with European societies of nephrology. The National Societies Village at the congresses is an important forum for fostering the scientific exchange and collaboration among the national societies of nephrology as well as among the national societies and ERA-EDTA. The national societies have the opportunity to present themselves and their projects at the “National Societies Village”, a networking open space where the congress delegates can be met and interacted with.
Website: www.era-edta.org/page-24-47-0-47-eraedtafornationalsocieties.html

NEPHtec GmbH is a new German company operating worldwide in the medical technology industry. An association of firms enables NEPHtec to manufacture and to distribute all fluids in dialysis. From permeate-water to the solution for infusion, in bags, bottles, canisters or cartridges. The core business is a new fully automatic acid concentrate mixing system “ACIDMix”. In connection with a reusable large cartridge, “ACIDCart”, the in-house production of concentrates leads to new economic and ecological perspectives. We offer products with high and innovative quality standards while considering the improvement in the economic situation at the same time.
Website: www.nephtec.de
NI Medical........................................................................................................................Booth: 1.205
NI Medical have developed the NICaS a state of the art, cost effective and easy to use cardiac monitor that can significantly improve the patients hemodynamic management. The Hemodynamic Navigator is a graphic display of blood pressure vs flow that provides a simple and clear trend of patient’s hemodynamics. NICaS can assist in better management of patients’ blood pressure during hemodialysis by non-invasive trending of cardiac output during treatment. This enables to determine if intra dialytic hypotension (IDH) is due to low preload or due to vasodilation mechanism. NICaS has FDA (510k), CE Mark, China CFDA, Japan PMDA, Canada MDL, Australia TGA, Brazil ANVISA, Mexico Cofepris and Israel AMAR.
Website: www.ni-medical.com

Nikkiso Europe GmbH.......................................................................................... Booth: 3.40-3.130
NIKKISO is a well-known diversified technology company focused on R&D and production of reliable devices for industrial solutions, aerospace, pump business and the medical sector. Our commitment is to improve the quality of life for patients and to deliver new technologies and products which make a real difference to our customers and stakeholders across the globe. The best way for us to do this, is through deep understanding of people’s needs and expectations. NIKKISO Europe GmbH, the European entity, is responsible for the distribution of our outstanding and innovative products for chronic dialysis in Europe, Middle East and Africa. NIKKISO Europe GmbH – Innovative and proven technology!
Website: www.nikkiso-europe.eu

Ningbo Tianyi Medical Appliance Co., Ltd ..............................................................Booth: 3.111
Ningbo Tianyi Medical Appliance Co., Ltd is one of the main producers for Heamodialysis disposable medical device in China since 2002, including Heamodialysis bloodline, Arterial-Venous fistula needle, and Dialyzer. Ningbo Tianyi operates within the framework of a total quality system, the application of which is carried out in accordance with ISO 13485 and it certified by independent bodies such as EC certificates No. SH1246807, notified body number 0123. Ningbo Tianyi works closely with hospitals and clinics in some series of devices, patient safety and ease of use are the company’s crucial thing.
Website: www.tianyinb.com
Nipro Medical Europe ................................. Booth: 2.210 - 2.330
Nipro Medical Europe has built its reputation on consistent high levels of quality and service in EMEA countries. With its 5 Business Units, we distribute products for hemodialysis (Renal Care), hospital consumables (Hospital Products), blood glucose diagnostics (Diabetes Care), oxygenators and accessories (Cardiopulmonary) and medical glass products (PharmaPackaging). Our priority is building long-term partnerships with each customer. This is accomplished by providing superior quality and value throughout the business in addition to listening to customer needs and translating those needs into specific products and services. We constantly strive to create and offer safe, high-quality products ensuring a better quality of life.
Website: www.nipro-medicaleurope.com

Novartis Oncology ......................................................... Booth: 3.172
Novartis Oncology is a global leader in improving outcomes for patients. We seek to transform cancer care through distinctive scientific and clinical strategies focused on developing targeted, immuno-oncology and combination therapies to create more effective options for patients
Website: www.novartisoncology.com

NxStage Medical, Inc. .................................................... Booth: 3.173
NxStage provides the life changing benefits of home haemodialysis to a wider range of patients than ever before, with a simple, flexible and portable home haemodialysis therapy solution specifically designed for the patient. NxStage is more than a company; we are leading the renal revolution. Our innovative products are helping to shape and transform renal care.
Website: www.nxstage.com
Omeros Corporation

Omeros is a Seattle-based biopharmaceutical company committed to discovering, developing, and commercializing small-molecule and protein therapeutics. Its first FDA-approved product is Omidria® (phenylephrine and ketorolac injection) 1%/0.3% for use during lens replacement surgery. The Omeros pipeline includes five clinical-stage programs, a diverse group of preclinical programs, and additional drug-development platforms.

Website: www.omeros.com

Otsuka Pharmaceutical Europe Ltd

Otsuka Pharmaceutical is a global healthcare company with the corporate philosophy: ‘Otsuka-people creating new products for better health worldwide.’ The Otsuka Group is comprised of 158 companies and employs approximately 47,000 people globally with products available in more than 80 countries worldwide. Otsuka is committed to focusing its research and development on innovative products and medical devices that address unmet medical needs, particularly in our specialist areas of renal, endocrine, gastro-intestinal, oncology and central nervous system disorders. Come and visit Otsuka Europe at Stand 3.140 to learn more about Otsuka’s recently launched product for ADPKD, JINARC.

Website: www.otsuka-europe.com

Oxford University Press

Oxford University Press is a leading publisher in nephrology journals, books and online products and our worldwide publishing furthers the University’s objectives of excellence in scholarship, research, and education. Visit us at stand 1.273 today to enter our competition, pick up your FREE copy of Nephrology Dialysis Transplantation (ndt), find out more about Clinical Kidney Journal (ckj), and browse our extensive collection of books, available to buy with an exclusive 20% conference discount and 35% discount for ERA-EDTA members.

Website: www.oup.com
PakuMed medical products gmbh - Germany ................................. Booth: 3.129
PakuMed medical products gmbh is a German company founded in 1990 specialized in the development, manufacture and worldwide distribution of special medical products for oncology, nephrology, surgery, interventional radiology, neonatology. Highly qualified medical competence, flexibility and close cooperation with our customers as well as best service are our strong points. Our product quality meets highest international standard with reasonable prices. In addition to port catheter systems and belonging accessories - such as special non-coring port needles - innovative products for hemodialysis apheresis, ascites/ peritoneal therapy complete our product range.
Website: www.pakumed.de

Pharmacosmos A/S ........................................................................................................ Booth: 2.140
Pharmacosmos develops and markets medicines for the treatment of iron deficiency. A research-based company, its ongoing R&D programme focuses on improving the treatment options for both patients suffering from iron deficiency and healthcare professionals. Pharmacosmos is a family-owned Danish company and operates in more than 50 countries across Europe, the Americas and Asia. Its facilities are approved by both the Danish Medicines Agency and the US Food & Drug Administration
Website: www.pharmacosmos.com

Physidia ............................................................................................................................. Booth: 3.113
Physidia is a French start-up created in 2010. Physidia’s mission is to manufacture and promote the daily dialysis system S³. The main functions of the machines are performed with the use of disposable elements that ensure a safe, simple and sterile process:
- The dialysate cassette that controls the fluids and ultrafiltration
- The extracorporeal circuit
- The aporygenic sterile dialysate bags
CE mark was granted in 2013. One year treatment by same patients was celebrated in November 2014. Installed base is over 100 in France.
Website: www.physidia.fr
PKD International

PKD International is a global alliance of patient organisations dedicated to improving the lives of an estimated 12.5 million children and adults affected by PKD - polycystic kidney disease - worldwide, plus their families and care-givers. We raise awareness of the impact and burden of both forms of PKD: autosomal dominant polycystic kidney disease (ADPKD) and autosomal recessive polycystic kidney disease (ARPKD). We do this by uniting patients, families, scientists, and healthcare professionals. PKD International is a non-profit, non-governmental association (NGO) based in Geneva, Switzerland.
Website: www.pkdinternational.org

Plinth 2000 Ltd

‘Innovative Patient Handling for Healthcare’ - We are the UK’s leading manufacturer and supplier of medical couches and chairs. With over 40 years’ experience serving the medical profession, we manufacture our products in-house ensuring quality and service. Featuring a market leading lifetime frame and 5-Year component guarantee you can be sure our couches are built to last and represent best value.
Website: www.plinth2000.com

Polish Society of Nephrology

Polish Society of Nephrology was established in 1983. It has 1200 members and 8 divisions. Society organizes Congress every three years and conferences in two years between congresses. The Society supports several initiatives and activities including the Polish Registry of Renal Biopsies, Polish Register of Nephrology, Young Nephrologists’ Club . educational and scientific conferences. Two scientific journals are endorsed by the Society : Polish Nephrology and Dialysotherapy (Nefrologia i Dializoterapia Polska) was established in 1997. Nephrology Forum (Forum Nefrologiczne ) It stimulates academic activity through giving grants for completion of the best projects and awarding best academic works.
Website: www.ptnefro.pl
Portuguese Society of Nephrology ................................................................. Booth: 1.50V
Portuguese Society of Nephrology supports the research, educational programs, international cooperation and epidemiological programs que involves the Portuguese nephrology community.
Website: www.spnepro.pt/

PosterSessionOnline ................................................................. Booth: 02
PosterSessionOnline (henceforth PSO), was founded in 2003 with the goal of providing a complete and modern communication service. PSO is an innovative, integrated medical poster platform. We offer a modular poster service, for a full range of poster session management solutions, including:
• Electronic-only: with touch or plasma screens, standard PCs, iPads / tablets or laptops. We can handle the full service including software, poster-building support;
• Traditional paper-and-panel with the Printing Online & delivery service, with 6-stage ISO-Accredited quality control, guaranteed correct dimensions and on photographic quality paper; packing and transport to congress center,
Website: www.postersessiononline.eu/

Quanta Fluid Solutions................................................................. Booth: 3.71
Quanta aims to improve the lives of dialysis patients by providing advanced haemodialysis solutions for use in the clinic and the home. Quanta’s lead product SC+ is the only high performance, portable, easy-to-use haemodialysis system which empowers patients through patient led-care. SC+ offers clinical efficacy and high flow rates comparable to conventional devices and is compatible with traditional treatment regimens used in-centre. The technology behind SC+ is based on an innovative and unique design that incorporates all fluid management activities onto a single-use disposable cartridge. This cartridge-based approach is intended to reduce downtime and simplify treatment complexity.
Website: www.quantafs.com
Raptor Pharmaceuticals (NASDAQ: RPTP) is a commercial-stage, global biopharmaceutical company committed to developing and commercializing life-altering therapeutics for orphan diseases. Our focus is to help patients with rare, debilitating, and potentially fatal diseases by leveraging our deep understanding of cellular metabolic pathways to develop medicines that address serious unmet medical needs. For more information on our company, please visit us at the Raptor Pharmaceuticals booth.

Website: www.raptorpharma.com

Renal Association / Renal Registry

The Renal Association (RA) is the professional body for United Kingdom nephrologists and renal scientists in the UK. Founded in 1950, the RA has been active in promoting and disseminating research that may ultimately improve outcomes for patients with kidney disease. The Association has taken a leading role in the education of clinicians and scientists interested in kidney disease. More recently, it has become more active in issues around training of doctors and the planning and development of clinical services. The Association has become increasingly aware of the importance of healthcare delivery by a multidisciplinary team and is affiliated with the British Renal Society.

Website: www.renal.org

Renal Care

Renal Care is a company specialising in renal replacement therapy, established by a group of entrepreneurs comprising nephrologists, dialysis nurse and researchers who believe in balancing sustainable business growth with corporate social responsibility.

Website: www.renal-care.com
Exhibitors

Rontis AG ........................................................................................................................ Booth: 3.300
Rontis is a Switzerland-based company with a history in R&D & manufacturing of medical devices, pharmaceuticals, nutrition and dermaceutical products and provides of dialysis services. We produce disposables for Nephrology, Urology, Liquid Administration and Anesthesiology, as well as products for Interventional Cardiology & Radiology and kyphoplasty. We also provide OEM services and custom-made solutions. Pharmaceuticals: Rontis has a vertically organized manufacturing infrastructure that is supported by the R&D department. Infant Nutrition / Consumer Healthcare: we have developed a range of infant / baby nutrition formulas, as well as specialized dermaticals for babies and young children. Website: www.rontis.com

Russian Dialysis Society ............................................................................................ Booth: 1.50C

S. Karger AG .................................................................................................................... Booth: 1.276
S. Karger Medical Publishers is a publishing house whose titles in the field of nephrology include several scientific journals, e.g. ‘Kidney Diseases’ and ‘Nephron’ as well as the renowned book series ‘Contributions to Nephrology’. New releases presented include the titles ‘Acute Kidney Injury - from Diagnosis to Care and ‘Buttonhole Cannulation’. Publications are accessible online at www.karger.com/nephrology, with full-text search of articles, pay-per-view options and many other services. Founded 126 years ago, this Swiss-based family-owned publishing house combines highly sophisticated production technology with customized services for its authors, editors and readers. Website: www.karger.com
Sanofi Genzyme
Sanofi Genzyme, the specialty care business unit of Sanofi, focuses on rare diseases, multiple sclerosis, oncology, and immunology. We help people with debilitating and complex conditions that are often difficult to diagnose and treat. Our approach is shaped by our experience developing highly specialized treatments and forging close relationships with physician and patient communities. We are dedicated to discovering and advancing new therapies, providing hope to patients and their families around the world.
Website: https://www.sanofigenzyme.com/

Sanofi Renal
Sanofi, a global and diversified healthcare leader, discovers, develops and distributes therapeutic solutions focused on patients’ needs. Sanofi has core strengths in the field of healthcare with seven growth platforms: diabetes solutions, human vaccines, innovative drugs, consumer healthcare, emerging markets, animal health and the new Genzyme.
Website: www.sanofi.us

SEDYT - Spanish Society of Dialysis and Transplantation
The Spanish Society of Dialysis and Transplantation (SEDYT) is a scientific association founded in 1978 which includes specialists who deal with kidney diseases and therapies. Its aims are to encourage and disseminate research in the fields of Chronic Kidney Disease, Dialysis and its various forms, nephrology, apheresis and Renal Transplantation, as well as other related matters. The SEDYT is open to cooperation and develops as value the spirit of fostering relations with other scientific societies of health professionals, with institutional health organizations, as well as with kidney patients. This year the SEDYT carries out its 38th National Congress (on 5-7 May, in Burgos, Spain).
Website: www.sedyt.org/
Serbian Society of Nephrology

The Serbian Society of Nephrology (SSN) was founded in 2008 and now has 249 active members. SSN is active in organization and supporting education of Serbian nephrologists throughout congresses, seminars and schools as CME. Last year SSN supported 2 fellowship projects and this year 3 multicenter studies will be held by SSN. Since 1997 register of patients on the dialysis and transplanted patients was re-established and supported by SSN. Ever since, the data have been regularly collected and reports published in ERA EDTA register. According to up to date registry, there are 59 hemo and peritoneal dialysis centers and 5 transplant centers with 5414 patients on renal replacement therapy in Serbia.

Website: www.udruzenjenefrologa.com

Serumwerk Bernburg AG

The Serumwerk Bernburg Group is an internationally renowned producer and supplier of medicinal products and medical devices for human and veterinary use, based in Germany. The dialysis division is successfully active since 1998 in Europe, Middle East, Asia and North Africa. It offers a wide range of medical disposables for hemodialysis, e.g. VitaPES dialyzers, DiaCart & DiaBox bicarbonate cartridges, bloodlines and IV solutions. The company is focused on offering “MADE IN GERMANY” products to their world-wide clients.

Website: www.serumwerk.com

Shire International

Shire enables people with life-altering conditions to lead better lives. Our strategy is to focus on developing and marketing innovative speciality medicines to meet significant unmet patient needs. We focus on providing treatments in Rare Diseases, Neuroscience, Gastrointestinal and Internal Medicine and we are developing treatments for symptomatic conditions treated by specialist physicians in other targeted therapeutic areas, such as Ophthalmics.

Website: www.shire.com
Sigma-Tau Alfasigmagroup ................................................................................................. Booth: 1.15
Sigma-Tau is an Alfasigmagroup company, committed in the research, development and
distribution of innovative drugs designed to improve human well-being and quality of life.
Sigma-Tau’s R&D portfolio is mainly focused on neglected diseases, and in the development of
proprietary biotechnology platforms in the immuno-oncology field. Sigma-Tau is also a leader
in the nutraceutics industry. The Alfasigma Group, which also includes Alfa Wassermann,
is ranking among the top five players in the Italian pharmaceutical market. Sigma-Tau has
operating subsidiaries throughout Europe, India and USA and maintains a presence in all of
the world’s major pharmaceutical markets.
Website: www.sigma-tau.it

Slovenian Society of Nephrology ................................................................................. Booth: 1.50K
The Slovenian Society of Nephrology is a voluntary, non-profit association of experts working
in the fields of clinical nephrology, dialysis, renal transplantation and pediatric nephrology.
It is part of the Slovenian Medical Association. The Society is involved in planning the
education of clinicians and in the production of educational medical literature. It is involved
in organizing educational events in creating guidelines, consensus statements and other
relevant contributions to the professional doctrine. Within the Society, working groups with
different areas of expertise are active. The Society is actively involved in organizing activities
at the time of World Kidney Day.
Website: www.nephro-slovenia.si

Society of Nephrologists, Dialysis and Transplant Physicians of Kazakhstan. Booth: 1.50U
We are pleased to welcome you to the recently developed Society of Nephrologists, Dialysis
and Transplant Physicians of Kazakhstan. Our Society makes a significant contribution to
the development of practical public health of the Republic of Kazakhstan and actively assists
in the medical and educational work of physicians on Nephrology profile. According to
our regulations is one of the main activities of Society is to support the development of all
sectors of the nephrology care (clinical nephrology, dialysis and kidney transplantation) in the
Kazakhstan, supporting physicians to provide them relevant knowledge.
Website: www.nephro.kz
The Tunisian Society of Nephrology is a scientific association born on 1984. Since its inception, the Tunisian Society of Nephrology has focused on fighting against kidney disease by educating health professionals, sharing new knowledge, advancing research, and advocating the highest quality care for patients. The Tunisian Society of Nephrology has over 135 members and collaborates closely with other like-minded societies such as Maghrebian Society of Nephrology, Arab Society of Nephrology and French Society of Nephrology for a closer international integration.

Website: www.stn-nephro.org

Spanish Society of Nephrology

Created in 1964, the Spanish Society of Nephrology (S.E.N.) has over 2000 members, increasing year by year. Our main objectives are: 1) the integrated management of CKD, with active programs for HD, On-line HDF, PD and Renal Transplantation. 2) Continuous Medical Education programs for our fellows and affiliated members. 3) The maintenance of an active research-grant program, with a total amount of over 280.000 €/year. 4) The maintenance of our first publication, NEFROLOGIA Journal. We are members of the board of the EURECAM and maintain close relations with other European and Ibero-Latin America national societies and also with the ASN, ISN or the IS of Transplantation.

Website: www.senefro.org

Suisse Med Technologies and Meditechlab

Suisse Med Technologies is a market leader in providing synthetic hollow fibre spinning lines for blood (PES/PSU) and water (PES/PVDF) filtration, dialyser assembly lines, NF, UF & MF water modules. Our technology is designed to deliver optimal cost of goods while ensuring worldwide quality standards. We support our customers to achieve their financial goals by offering a wide range of additional services such as go-to-market strategies, regulatory compliance, ISO-10993 compliant devices, NF- compliance and qualified raw materials. Our subsidiary, Meditechlab, is a supplier of quality dialysis products that meet all international norms: ISO 9001 v-2000, ISO 13485 v-2003 and the European Medical Device Directive 93/42/EEC (CE-mark).

Website: www.suissemt.com
TauroPharm GmbH ........................................................................................................ Booth: 3.122
TauroPharm GmbH is specialized in antimicrobial medical devices and offers a safe and effective technology for locking central venous access devices (catheters and ports). TauroLock™, a non-antibiotic lock solution, which is capable of dramatically reducing catheter related blood stream infections (CRBSI) is free of side-effects. TauroLock™ is highly effective in eradicating bacteria and fungi and has been successfully tested on more than five hundred organisms, incl. multiresistant forms such as MRSA and VRE. It is to be used in dialysis, oncology, intensive care and parenteral nutrition. To improve catheter patency TauroLock™ products contain 4% citrate and in add. heparin or urokinase.
Website: www.taurolock.com

Teleflex ..............................................................................................................................Booth: 3.110
Teleflex is a global provider of medical technologies designed to improve the health and quality of people’s lives. We cultivate innovation, providing trusted brands, high quality products and clinically-relevant solutions that make a meaningful difference. Our vascular access product range includes the well-known Arrow haemodialysis (HD) access devices for acute and chronic HD. It extends from a line of antiseptic products with ARROWg+ard® Blue Impregnation for Acute HD, over HD Split Tip (Cannon2+) and Step Tip (Next Step) Chronic catheters to be positioned by retrograde and antegrade tunneling technique, up to the newest ARROW® Vectorflow™ Symmetrical Tip Chronic HD Catheter family. 
Website: www.teleflex.com

The Association of Nephrologists of Montenegro ................................................... Booth: 1.50L
The Association of Nephrologists of Montenegro was established in 2007. Because of specific diversity in the relief and landscapes and there are ten centers for hemodialysis. Our main mission is an advancement of nephrology in Montenegro. We are working very hard in the existing conditions on the advancement and further development of nephrology in Montenegro. Our goals on the beginning were improvement and achievement of standards in dialysis for all patients and development of standard protocols for treating all patients with CKD equally. We also organized a lot of educational activities such as postgraduate courses and lectures in different topics in nephrology.
Website: www.nefrologijacg.me
The Egyptian Society of Nephrology and Transplantation

The ESNT has been founded since 40 years, its first congress was held in 1980. Now ESNT holds 2630 members. It’s our mission to spread nephrology education within our medical society and we are upgrading our objective. Our webpage displays all of our educational material streamlined together with various educational info. The ESNT holds its annual congress with collaboration from ERA-EDTA & ISN.
Website: www.esntonline.net

Toray Medical Co., Ltd

Toray is a leading manufacturer of synthetic fibers and dedicated to the development of dialysis products under its corporate slogan, “Innovation by Chemistry”. Toray supports high quality and advanced medical care with our bio-compatible polymethylmethacrylate dialyzer “FILTRYZER”, high flux polysulfone dialyzer “TORAYSULFONE”, “TORAYLIGHT” and dialysis machine.
Website: www.toray-medical.com/en/

Transonic Europe

Transonic is the global leader in blood flow measurement technology. Transonic’s gold standard Hemodialysis Monitor has revolutionized hemodialysis by assessment of dialysis adequacy with delivered blood flow and recirculation measurements, vascular access patency through access flow measurements, and cardiac function through measurement of cardiac output and derived parameters.
Website: www.transonic.com
Triomed AB ........................................................................................................................Booth: 3.70
Carry Life® is developed by the Swedish medical engineering company Triomed AB. Ten years of research and development has been supported by world renowned medical expertise and specialist engineers. CarryLife® is a revolutionary wearable therapy system enabling freedom of mobility during treatment. CarryLife® Cardio is a wearable device developed for continuous recirculation and regeneration of PD fluid for ultrafiltration of patients with Congestive Heart Failure with water overload, cardio-renal syndrome type II. CarryLife® Renal is a wearable device developed for treating patients suffering from ESRD, which diminish the risks associated with APD and CAPD treatment as well as offers increased ultrafiltration efficacy.
Website: www.triomed.se

Turkish Society of Nephrology .................................................................................... Booth: 1.50P
Turkish Society of Nephrology (TSN) was founded in Istanbul forty four years ago in 1970. TSN has 560 active members and also 8 branches with their own separate memberships in Istanbul, Izmir, Kayseri, Antalya, Bursa, Konya, Adana and Ankara. Turkish membership has actually reached 429 in ERA-EDTA (6th largest membership).
Website: www.tsn.org.tr

Vifor Fresenius Medical Care Renal Pharma Ltd. ............................................................ Booths: 2.200 -2.320
Vifor Fresenius Medical Care Renal Pharma Ltd., a common company of Galenica and Fresenius Medical Care develops and commercialises innovative and high quality therapies to improve the life of patients suffering from Chronic Kidney Disease (CKD) worldwide. The company was founded at the end of 2010 and is owned 55% by Galenica and 45% by Fresenius Medical Care.
Website: www.viforpharma.com/en/About-Vifor/businesses.php
Wego Blood Purification Products Co., Ltd

Wego Blood Purification Products Co., Ltd belongs to Wego Group (HK1066). As a well-known and largest Chinese manufacturer in blood purification field, our products cover all the consumables and devices in blood purification field, including hemodialysis equipment, hemofiltration equipment, low and high flux polysulfone dialyzer, blood filter, blood tube, AVF needles, hemodialysis concentrates (powder), plasma separator and protein A immunoadsorption column, etc. It owns multiple integrated product and service solutions, which carries the respect for life and dedicates to the development in the field of dialysis services.

Website: www.wgbp.net/

Wichtig Publishing

Wichtig Publishing is an independent publisher of scholarly journals and books. The company – with offices in Cheshire, UK, and Milan, Italy and with a growing network of partners worldwide – publishes niche specialty medical journals; the majority of the company’s journals is published in partnership with distinguished academic scientific societies around the world. The company has a proprietary list of journals focusing on such specialties as nephrology and vascular access for hemodialysis, artificial organs research, urology, ophthalmology, diagnostic and clinical oncology, scleroderma, endometriosis and related disorders, orthopedic surgery, biomaterials and health technology assessment.

Website: www.wichtig.com

Wisepress Medical Bookshop

Wisepress.com, Europe’s leading conference bookseller, has a range of books and journals relevant to the themes of the meeting. In addition to attending 200 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers. Follow us on Twitter for the latest news @WisepressBooks

Website: www.wisepress.com/
WS Far Ir Medical Technology ....................................................................................... Booth: 1.69
We are the pioneer in the Far-Infrared medical equipment industry, and have been manufacturing the FIR Therapy Unit for 20 years; our product WS Far-Infrared Therapy Unit is an essential tool for vascular access care in the hemodialysis centers all across Taiwan. In March 2007, the clinical evidence, “Far Infrared Therapy: a Novel Treatment Improving Access Blood Flow and Unassisted Patency of Arteriovenous Fistula in Hemodialysis Patients” was published in the Journal of American Society of Nephrology shows that Far-Infrared Therapy can effectively improve the access blood flow and unassisted patency of AV fistula in hemodialysis patients.
Website: www.far-infrared.com.tw

ZS Pharma ........................................................................................................................Booth: 1.181
ZS Pharma was founded in 2008, became a public company in 2014, and joined the AstraZeneca Group in 2015. ZS Pharma uses proprietary ion-trap technology to selectively target ions to develop new treatments for unmet medical needs. The first product, ZS-9, for the treatment of hyperkalemia is under FDA review.
Website: www.zspharma.com
## Programme at a Glance - Saturday, May 21st, 2016

| Time       | Hall A | Hall B | Hall C | Hall D | Hall E | Hall F | Hall G | Hall H | Hall I | Hall J | Hall K | Hall L | Hall M | Hall N |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 9.00 - 12.15 | CME 1  | CME 2  | CME 3  | CME 4  | CME 5  | CME 6  | CME 7  | CME 8  | CME 9  | CME 10 | CME 11 | CME 12 | CME 13 | CME 14 | CME 15 |
|            | IWG WG | DESCARTES WG | EURICA-m WG | EUDIAL WG | DIABESITY WG | ERN WG | EUKID | WGIKD | Rheumatology for nephrologists (13.15-16.30) | CKD-MBD WG | EuroPD | Disasters and the Nephrologist | Amyloidosis - old problem, new issues | Including the patient perspective in renal care | Transplantation immunology - an update | Prescription for health - Exercise as part of nephrological care (EURORECKD) |
| 12.15 - 13.15 | Lunch break |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 13.15 - 15.15 |        | CME 10 |        | CME 11 |        |        |        |        |        |        |        |        |        |        |        |
|            | CKD-MBD WG |        | EuroPD | Peritoneal dialysis in 2016 - where do we stand? (13.15-16.30) |        |        |        |        |        |        |        |        |        |        |        |
| 15.15 - 15.30 | Break |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 15.30 - 17.30 |        |        | CME 12 |        |        |        |        |        |        |        |        |        |        |        |        |
|            |        |        | Amyloidosis - old problem, new issues |        |        |        |        |        |        |        |        |        |        |        |        |
| 18.00 - 19.30 | Welcome Ceremony |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 19.00 - 21.00 | Exhibition |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 19.30 - 21.00 | Welcome Reception |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
## Programme at a Glance - Sunday, May 22nd, 2016

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<tr>
<th>Time</th>
<th>Hall A</th>
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<th>Treatment Area</th>
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<tbody>
<tr>
<td>08.00 - 09.30</td>
<td>S 01</td>
<td>S 02</td>
<td>S 03</td>
<td>S 04</td>
<td>S 05</td>
<td>FC 01</td>
<td>FC 02</td>
<td>MC</td>
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<td>Membranous nephropathy: new insights</td>
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<td>Vascular access for HD</td>
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<td>S 06 poster session, coffee break and exhibition visit</td>
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<td>11.30 - 11.45</td>
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<td>A. Kasarskis - A network-oriented view of living systems to complement the reductionist</td>
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<td>11.45 - 13.15</td>
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<td>S 07</td>
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<td>FC 03</td>
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<td>Late breaking clinical trials</td>
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<td>Fluid management in the ICU</td>
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<td>15.15 - 16.45</td>
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<td>S 14</td>
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<td>FC 06</td>
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<td>ASN Highlights</td>
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<td>The Lancet / The Lancet Diabetes and Endocrinology</td>
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<td>17.00 - 18.30</td>
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<td>Nutrition in CKD patients</td>
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<td>Immunology and the kidney</td>
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**Legenda**

- Fluids and electrolytes, tubular transport, physiology
- Hereditary disorders, development, pregnancy, paediatric nephrology
- Glomerular diseases and general clinical nephrology
- Chronic Kidney Disease: pathophysiology, epidemiology, prevention, progression, aging
- End Stage Renal Disease and dialysis
- Home therapies, peritoneal dialysis
- Transplantation and immunology
- Hypertension, diabetes, vascular diseases
- Acute Kidney Injury and intensive care nephrology
## Programme at a Glance - Monday, May 23rd, 2016

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<th>Hall A</th>
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<td>How to handle the sensitized kidney transplant recipient</td>
<td>Calcification and calciphylaxis</td>
<td>PD clinical science</td>
<td>Cross-talk between kidneys and other organs in AKI</td>
<td>Development and pregnancy</td>
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<td>Hypertension experimental</td>
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<td>ERA-EDTA General Assembly</td>
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<td>10.45 - 11.30</td>
<td>PL 2</td>
<td>N. Schork - Is it time for one-person trials?</td>
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<td>Improving treatment of patients with CKD (ERA-EDTA &amp; ISN)</td>
<td>Lingering questions in CKD</td>
<td>Renal Replacement Therapy in Europe and in China (ERA-EDTA &amp; CSN)</td>
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<td>Whole Person Care in Nephrology</td>
<td>Renal fibrosis: new insights</td>
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<td>Hereditary disorders, development, pregnancy, paediatric nephrology</td>
<td>Glomerular diseases and general clinical nephrology</td>
<td>Chronic Kidney Disease: pathophysiology, epidemiology, prevention, progression, aging</td>
<td>End Stage Renal Disease and dialysis</td>
<td>Transplantation and immunology</td>
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<td>S 37 Novel oral anticoagulants or warfarin in CKD?</td>
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<td>S 38 The living kidney donor</td>
<td>S 39 ERA-EDTA &amp; ESPN</td>
<td>S 40 Kidney in systemic inflammatory diseases</td>
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<td>S 41 Ethics in scientific research</td>
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<td>S 42 ERA-EDTA &amp; ESH</td>
<td>S 43 Improving cardiovascular risk assessment in transplant patients</td>
<td>S 44 New aspects of sex hormones abnormalities in CKD patients</td>
<td>S 45 Obesity and fat tissue - what is new and what is relevant for nephrologists?</td>
<td>S 46 NDT polar view</td>
<td>FC 29 Dialysis techniques</td>
<td>FC 30 Diabetes clinical</td>
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<td>13.15 - 14.45</td>
<td>S 47 Management of the frail and elderly with CKD</td>
<td>S 48 Quality improvement in PD (ISPD)</td>
<td>S 49 Tomorrow’s nephrology presented by the nephrologists of tomorrow (YNP)</td>
<td>S 50 What precipitates IgAN and what is the target for treatment?</td>
<td>S 51 Hypoxia in kidney disease: integrating pre-clinical with clinical research</td>
<td>FC 31 AKI clinical</td>
<td>FC 32 Nephrolithiasis and divalent ions</td>
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<td>14.45 - 16.15</td>
<td>S 52 Personalized dialysis</td>
<td>S 53 Special technological aspects of ICU nephrology and extracorporeal treatment</td>
<td>S 54 Salt on the table</td>
<td>S 55 Gone with the Wnt</td>
<td>FC 33 Dialysis cardiovascular complications 2</td>
<td>FC 34 Glomerulonephritis: clinical and experimental 2</td>
<td>FC 35 Paediatric nephrology 2</td>
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**Programme at a Glance - Tuesday, May 24th, 2016**

**LEGENDA**

- Fluids and electrolytes, tubular transport, physiology
- Hereditary disorders, development, pregnancy, paediatric nephrology
- Glomerular diseases and general clinical nephrology
- Chronic Kidney Disease: pathophysiology, epidemiology, prevention, progression, aging
- End Stage Renal Disease and dialysis
- Home therapies, peritoneal dialysis
- Transplantation and immunology
- Hypertension, diabetes, vascular diseases
- Acute Kidney Injury and intensive care nephrology
The new 6008 CAREsystem offers a simplified design to deliver advanced dialysis and enable better care for patients.

6008 CAREsystem
More Care. Less complexity.