



European  
society for  
paediatric  
nephrology

# ESPN 55<sup>th</sup> ANNUAL MEETING

Vilnius, Lithuania  
28 Sept – 1 Oct  
2023

Paediatric Kidney Week

PROGRAMME

Congress Organizer



[espn2023.org](https://espn2023.org)

THURSDAY, 28 SEPTEMBER 2023

08:15-15:45 | ROOM ALFA

PRE-CONGRESS CME 1 – CKD AND DIALYSIS

- 08:15 Opening remarks  
**Rukhana Shroff** (*United Kingdom*), **Justine Bacchetta** (*France*)
- 08:30 **TROUBLE-SHOOTING ON DIALYSIS**  
10:10 Chairs: **Justine Bacchetta** (*France*), **Johan Van de Walle** (*Belgium*)
- 08:30 How to maximize phosphate removal on PD and HD  
**Claus Peter Schmitt** (*Germany*)
- 08:50 Peritonitis: prevention and treatment  
**Sevcan Bakkaloglu** (*Turkey*)
- 09:10 Optimizing fluid removal on HD  
**Enrico Vidal** (*Italy*)
- 09:30 HDF – Should we promote this or all children on in-centre dialysis?  
**Ayse Agbas** (*Turkey*)
- 09:50 Panel discussion
- 10:10 *Coffee break*
- 10:30 **CKD-MBD MANAGEMENT**  
11:45 Chairs: **Dieter Haffner** (*Germany*), **Ariane Zaloszcyc** (*France*)
- 10:30 Cinacalcet in real-life clinical practice  
**Julie Bernardor** (*France*)
- 10:50 CKD-MBD in transplant recipients  
**Agnieszka Prytula** (*Belgium*)
- 11:10 Which phosphate binders and for whom  
**Dorota Drozd** (*Poland*)
- 11:30 Panel discussion

THURSDAY, 28 SEPTEMBER 2023

08:15-15:45 | ROOM ALFA  
PRE-CONGRESS CME 1 – CKD AND DIALYSIS

- 11:45** **DIALYSIS IN SPECIAL SITUATIONS**  
**13:00** Chairs: **Alberto Edefonti** (*Italy*), **Enrico Verrina** (*Italy*)
- 11:45** Dialysis in children with heart failure  
**Bruno Ranchin** (*France*)
- 12:05** Dialysis in hyperammonemia  
**Fabio Paglialonga** (*Italy*)
- 12:25** Dialysis in primary hyperoxaluria in the era of RNAi therapies  
**Justine Bacchetta** (*France*)
- 12:45** Panel discussion
- 13:00** *Lunch*
- 14:00** **WORKSHOP**  
**15:45** *Candidates will rotate between 3 workshops. Rooms will be confirmed on the day*
- 14:00** Vascular access for chronic HD – a practical approach  
**Rukshana Shroff** (*United Kingdom*), **Kathryn Waters** (*United Kingdom*)
- 14:35** Practical management of CKD-MBD  
**Zainab Arslan** (*United Kingdom*), **Justine Bacchetta** (*France*)
- 15:10** Nutritional management of children with CKD and on dialysis (dietitians & doctors from Nutrition Taskforce)  
**Jose Renken-Terhaerd** (*The Netherlands*), **Pearl Pugh** (*United Kingdom*),  
**Vanessa Shaw** (*United Kingdom*)
- 15:45** *Coffee break*



**THURSDAY, 28 SEPTEMBER 2023**

**08:15–15:45 | ROOM BETA**

**PRE-CONGRESS CME 2 – UPDATE ON GLOMERULAR DISEASES**

*a joint symposium from the ESPN and NephCure Foundation*

- 08:15** Opening remarks  
**Antonia Bouts** (*The Netherlands*), **Joshua M. Tarnoff** (*USA*)
- 08:30** **DIFFICULT CASES**  
**10:10** Chairs: **Antonia Bouts** (*The Netherlands*), **Aleksandra Zurowska** (*Poland*)
- 08:30** A child with acute nephritic syndrome  
**Samantha Innocenti** (*Italy*), **Olivia Boyer** (*France*)
- 08:50** A child with HSPN and crescents in the renal biopsy  
**Eda Didem Kurt-Sukur** (*Turkey*), **Kibriya Fidan** (*Turkey*)
- 09:10** A child with rapidly progressive glomerulonephritis  
**Colin Higgins** (*United Kingdom*), **Matko Marlais** (*United Kingdom*)
- 09:30** A child with SRNS (+apheresis modalities)  
**Rik Westland** (*The Netherlands*), **Licia Peruzzi** (*Italy*)
- 09:50** Panel discussion
- 10:10** *Coffee breaks*
- 10:30** **CLINICAL TRIALS IN PEDIATRIC GLOMERULAR DISEASES**  
**12:15** *Clinical trials for first episode of SSNS*  
Chairs: **Olivia Boyer** (*France*), **Matko Marlais** (*United Kingdom*)
- 10:30** Clinical trials for first episode of SSNS: INTENT  
**Marcus Benz** (*Germany*)
- 10:50** Clinical trials for first episode of SSNS: LEARNS  
**Floor Veltkamp** (*The Netherlands*)
- 11:10** Clinical trials for first episode of SSNS: NEPHROVIR  
**Claire Dossier** (*France*)
- 11:30** Clinical trials in IgAV/IgAN  
**Louise Oni** (*United Kingdom*)
- 11:50** Panel discussion

**THURSDAY, 28 SEPTEMBER 2023**

**08:15-15:45 | ROOM BETA**

**PRE-CONGRESS CME 2 – UPDATE ON GLOMERULAR DISEASES**

*a joint symposium from the ESPN and NephCure Foundation*

**12:15**

**HEALTH-RELATED-QUALITY-OF-LIFE AND BIOMARKERS**

**13:00**

Chairs: **Claire Dossier** (France), **Rezan Topaloglu** (Turkey)

**12:15**

Patient reported outcomes in nephrotic syndrome

**David Selewski** (USA)

**12:30**

Biomarkers in pediatric glomerulonephritis and nephrotic syndrome

**William Smoyer** (USA)

**12:45**

Panel discussion

**13:00**

*Lunch*

**14:00**

**MEET THE EXPERT – WORKSHOP**

**15:45**

*Candidates will rotate between 3 workshops. Rooms will be confirmed on the day*

**14:00**

Reviewing kidney biopsies

**Sandrine Florquin** (The Netherlands), **Kerstin Amann** (Germany)

**14:35**

Investigation in complement disorders – a practical approach

**Olivia Boyer** (France), **Gema Ariceta** (Spain)

**15:10**

Treatment of congenital nephrotic syndrome

**Timo Jahnukainen** (Finland), **Fatih Ozaltin** (Turkey)

THURSDAY, 28 SEPTEMBER 2023

08:15-15:45 | ROOM ZETA  
PRE-CONGRESS CME 3 – TRANSPLANTATION

- 08:15 Opening remarks  
**Burkhard Tönshoff** (*Germany*), **Lars Pape** (*Germany*)
- 08:30 TROUBLE-SHOOTING AFTER TRANSPLANTATION  
10:10 Chairs: **Jun Oh** (*Germany*), **Lars Pape** (*Germany*)
- 08:30 Creatinine increase  
**Jerome Harambat** (*France*)
- 08:50 Fever  
**Ryszard Grenda** (*Poland*)
- 09:10 Diarrhea  
**Raphael Schild** (*Germany*)
- 09:30 Proteinuria  
**Anja Büscher** (*Germany*)
- 09:50 Panel discussion
- 10:10 *Coffee break*
- 10:30 DONOR SELECTION  
11:45 Chairs: **Ryszard Grenda** (*Poland*), **Stephen Marks** (*United Kingdom*)
- 10:30 Living donation  
**Mohan Shenoy** (*United Kingdom*)
- 10:50 Deceased organ / accept or not accept  
**Burkhard Tönshoff** (*Germany*)
- 11:10 Transplantation in children < 10 kg  
**Marcus Weitz** (*Germany*)
- 11:30 Panel discussion

**THURSDAY, 28 SEPTEMBER 2023**

**08:15-15:45 | BREAKOUT ROOM ZETA**

**PRE-CONGRESS CME 3 – TRANSPLANTATION**

**TRANSPLANTATION IN SPECIAL SITUATIONS**

11:45

13:00

Chairs: **Agnieszka Prytula** (*Belgium*), **Burkhard Tönshoff** (*Germany*)

11:45

ABO incompatible transplantation  
**Stephen Marks** (*United Kingdom*)

12:05

Combined kidney and liver transplantation  
**Jun Oh** (*Germany*)

12:25

Transplantation in recurrent diseases  
**Antonia Bouts** (*The Netherlands*)

12:45

Panel discussion

13:00

*Lunch*

14:00

**WORKSHOP**

15:45

*Candidates will rotate between 3 workshops. Rooms will be confirmed on the day*

14:00

Immunosuppression  
**Marlies Cornelissen** (*The Netherlands*)

14:35

Viral infections  
**Burkhard Tönshoff** (*Germany*), **Lars Pape** (*Germany*)

15:10

Transplantation in CAKUT / pre-transplant management  
**Nele Kanzelmeyer** (*Germany*)

**THURSDAY, 28 SEPTEMBER 2023**

**11:00–12:45 | ROOM OMEGA**  
**WORKING GROUP MEETING – CAKUT**

**14:00–15:45 | ROOM OMEGA**  
**WORKING GROUP MEETING – INHERITED DISORDERS**

**15:45–16:45 | ROOM BETA**  
**WORKING GROUP MEETING – GLOMERULAR DISEASES**

**15:45–16:45 | ROOM ZETA**  
**WORKING GROUP MEETING – TRANSPLANTATION**

**15:45–16:45 | ROOM OMEGA**  
**WORKING GROUP MEETING – CKD AND DIALYSIS WGs**





**THURSDAY, 28 SEPTEMBER 2023**

**17:00–18:30 | ROOM ALFA**  
**OPENING CEREMONY AND PLENARY LECTURE 1 ((▶))**

- 17:00** Welcome to the ESPN 2023 Congress  
**Prof. Dieter Haffner**, *ESPN President*  
**Prof. Augustina Jankauskiene**, *ESPN 2023 Congress President*  
**Prof. Rimvydas Petrauskas**, *Vilnius University Rector*
- 17:20** CRISPR–Cas: from bacterial immunity towards therapeutics, Nano editing with CRISPR  
**Virginijus Šikšnys** (*Lithuania*)
- 17:40** The Ordinary people that created the City. Brief history of Vilnius and its inhabitants  
**Jurgita Verbickiene** (*Lithuania*)

**18:30–20:00 | CONGRESS VENUE**  
**WELCOME RECEPTION**

**((▶))** Live stream sessions



FRIDAY, 29 SEPTEMBER 2023

07:00–07:50 | ROOM ALFA

**GRAND ROUNDS 1 – CAKUT AS A CAUSE OF CHILDHOOD CKD** ((▶))

Chairs: *Silvio Maringhini (Italy), Gilvydas Verkauskas (Lithuania)*

Speakers: *Jameela Kari (Saudi Arabia)*

07:00–07:50 | ROOM BETA

**GRAND ROUNDS 2 – MANAGEMENT OF A DIFFICULT CASE OF LUPUS NEPHRITIS: WITH RENAL AND EXTRA-RENAL INVOLVEMENT** ((▶))

Chairs: *Nur Canpolat (Turkey), Stephen Marks (United Kingdom)*

Speakers: *Patricia Costa-Reis (Portugal), Rezan Topaloglu (Turkey)*

07:00–07:50 | ROOM ZETA

**GRAND ROUNDS 3 – MANAGEMENT OF THE INFANT ON PD AND HD** ((▶))

Chairs: *Timo Jahnukainen (Israel), Hadas Shasha (Israel)*

Speakers: *Enrico Vidal (Italy), Ariane Zaloszyk (France)*

08:00–08:45 | ROOM ALFA

**PLENARY LECTURE 2** ((▶))

Chairs: *Franz Schaefer (Germany), Rukshana Shroff (United Kingdom)*

Augmented medicine: are you ready for the “BOTS”?

*Jeroen Kooman (The Netherlands)*



FRIDAY, 29 SEPTEMBER 2023

08:45–10:30 | ROOM ALFA

**SYMPOSIUM 1 – ATTENUATING DISEASE PROGRESSION** (▶)

Chairs: **Rimante Cerkauskienė** (*Lithuania*), **Jan Dudley** (*United Kingdom*)

- 08:45** Emerging therapies in Alport syndrome  
**Tomohiko Yamamura** (*United Kingdom*)
- 09:03** Discussion
- 09:08** Novel anti-proteinuric treatments  
**Franz Schaefer** (*Germany*)
- 09:26** Discussion
- 09:31** The circadian regulation of glomerular function  
Fr-OP 001 **Rebecca Preston, Rachel Lennon, Quing-Jun Meng, Craig Lawless, David Spiller** (*United Kingdom*)
- 09:41** The role of antimicrobial polypeptides for the predicting of urinary tract infection: UTILISE study  
Fr-OP 002 **Zeynep Yuruk Vildirim<sup>1</sup>, Alberto Caldas Afonso<sup>2</sup>, Ipek Akil<sup>1</sup>, Bagdagul Aksu<sup>1</sup>, Harika Alpaya<sup>1</sup>, Bahriye Atmis<sup>1</sup>, Ozlem Aydog<sup>1</sup>, Sevcan Bakkaloglu<sup>1</sup>, Aysun Karabay Bayazit<sup>1</sup>, Meral Torun Bayram<sup>1</sup>, Ilmay Bilge<sup>1</sup>, Ipek Kaplan Bulut<sup>1</sup>, Elif Comak<sup>1</sup>, Belde Kasap-Demir<sup>1</sup>, Ozlem Cam Delebe<sup>1</sup>** (*<sup>1</sup>Turkey, <sup>2</sup>Portugal*)
- 09:51** Phenotypic Variability of Individuals with CAKUT  
Fr-3MP 001 **Bernard Kraljevic<sup>1</sup>, Korbinian M. Riedhammer<sup>1</sup>, Velibor Tasic<sup>2</sup>, Nora Abazi-Emini<sup>2</sup>, Michaela Geßner<sup>1</sup>, Bärbel Lange-Sperandio<sup>1</sup>, Valbona Stavileci<sup>3</sup>, Jovana Putnik<sup>4</sup>, Aleksandra Paripovic<sup>4</sup>, Natasa Stajic<sup>4</sup>, Jasmina Ćomic<sup>1</sup>, Julia Hoefele<sup>1</sup>** (*<sup>1</sup>Germany, <sup>2</sup>Macedonia, <sup>3</sup>Kosovo, <sup>4</sup>Serbia*)
- 09:55** Relationship between ultrasound data and the underlying pathology in pediatric urinary tract dilations: proposal for a predictive model  
Fr-3MP 002 **Elisa Manieri, Andrea Pasini, Martina Ceccoli, Roberto Pillon, Irene Alberici, Pierluigi Marzuillo, Federica Scaglione, Francesca Taroni, Sante Cantatore, Stefano Guarino, Giuseppe Puccio, Giovanni Montini, Claudio La Scola** (*Italy*)



## FRIDAY, 29 SEPTEMBER 2023

### 08:45–10:30 | ROOM ALFA

#### SYMPOSIUM 1 – ATTENUATING DISEASE PROGRESSION *(cont.)*

- 09:59 Risk factors for chronic kidney disease in children with posterior urethral valve  
Fr-3MP 004 **Sibel Inceoğlu, Nilüfer Göknar, Diana Üçkardeş, Emre Keleşoğlu, Kerem Özel, Cengiz Candan** *(Turkey)*
- 10:03 Growing kidneys and gene therapies - party tricks or realities?  
**Adrian Woolf** *(United Kingdom)*
- 10:21 Discussion

### 08:45–10:30 | ROOM BETA

#### SYMPOSIUM 2 – NEPHROLOGY IN THE NICU

Chairs: **Anna Bjerre** *(Norway)*, **David Selewski** *(USA)*

- 08:45 Long-term risks of CKD in premature infants  
**Karel Allegaert** *(Belgium)*
- 09:03 Discussion
- 09:08 Antenatal counselling and prognostication  
**Matko Marlais** *(United Kingdom)*
- 09:26 Discussion
- 09:31 First postnatal screening study to detect primary hyperoxaluria types 1 and 3  
Fr-OP 003 **Cristina Martin-Higueras, Lodovica Borghese, Nils Janzen, Bodo Beck, Adam Walli, Katharina Hohenfellner, Bernd Hoppe** *(Germany)*
- 09:41 QTc prolongation is directly correlated to (creatinine based) estimated glomerular filtration rate  
Fr-OP 004 **Anke Raaijmakers, Thomas Salaets, Zhen-Yu Zhang, Yu-Ling Yu, Dong-Mei Wei, Jan A. Staessen, Karel Allegaert** *(Belgium)*
- 09:51 The association between birth weight and blood pressure in young adults  
Fr-3MP 005 **Vidar Edvardsson, Asdis Sigurdardottir, Olafur Indridason, Thordis Hrafnkelsdottir, Sigurdur Stephensen** *(Iceland)*

FRIDAY, 29 SEPTEMBER 2023

08:45–10:30 | ROOM BETA  
SYMPOSIUM 2 – NEPHROLOGY IN THE NICU *(cont.)*

09:55 Fr-3MP 007 Does a non reassuring fetal heart rate pattern impair renal function in neonates prenatally diagnosed with congenital anomalies of kidney and urinary tract?  
Yael Borovitz, Ayelet Alon, Miriam Lopian, Yinon Gilboa, Sharon Perlman *(Israel)*

09:59 Fr-3MP 008 To give albumin or not? Is it safe to manage congenital nephrotic syndrome without regular albumin infusions?  
Maura Scott, Hazel Webb, Matko Marlais *(United Kingdom)*

10:03 Neonatal hypertension  
Tomas Seeman *(Czech Republic)*

10:21 *Discussion*

08:45–10:30 | ROOM ZETA   
SYMPOSIUM 3 – DIALYSIS

Chairs: Claus Peter Schmitt *(Germany)*, Enrico Verrina *(Italy)*

08:45 Managing sodium balance in dialysis  
Fabio Paglialonga *(Italy)*

09:03 *Discussion*

09:08 Improving HD for infants: technological advances  
Bruno Ranchin *(France)*

09:26 *Discussion*

09:31 Fr-OP 005 Children on peritoneal dialysis with diffuse podoplanin expression suffer from severe peritoneal membrane and vessel transformation  
Maria Bartosova<sup>1</sup>, Conghui Zhang<sup>1</sup>, Fabian Eibensteiner<sup>2</sup>, Rebecca Herzog<sup>2</sup>, Iva Marinovic<sup>1</sup>, Betti Schaefer<sup>1</sup>, Zhiwei Du<sup>1</sup>, Karel Vondrak<sup>3</sup>, Rimante Cerkauskienė<sup>4</sup>, Peter Sallay<sup>5</sup>, Sotirios Zarogiannis<sup>6</sup>, Klaus Kratochwil<sup>2</sup>, Claus Peter Schmitt<sup>1</sup> *(<sup>1</sup>Germany, <sup>2</sup>Austria, <sup>3</sup>Czech Republic, <sup>4</sup>Lithuania, <sup>5</sup>Hungary, <sup>6</sup>Greece)*

FRIDAY, 29 SEPTEMBER 2023

08:45–10:30 | ROOM ZETA  
SYMPOSIUM 3 – DIALYSIS (cont.)

09:41 A bioengineering approach to study and optimise the fluid dynamics in catheters for paediatric dialysis  
Fr-OP 006 **Claudia Bruno, Rayan Moumneh, Lynsey Stronach, Emilie Sauvage, Ian Simcock, Silvia Schievano, Claudio Capelli, Rukshana Shroff** (United Kingdom)

09:51 Fluid status evaluation by sonography and bioimpedance spectroscopy in children on peritoneal dialysis  
Fr-3MP 009 **Bahriye Atmis, Ikbal Turker, Derya Cevizli, Cagla Cagli Piskin, Faruk Ekinci, Dincer Yildizdas, Aysun Karabay Bayazit** (Turkey)

09:55 A randomized cross-over trial of pre- vs post-dilution haemodiafiltration in children on maintenance dialysis: effect on blood pressure  
Fr-3MP 010 **Ayse Agbas<sup>1</sup>, Nur Canpolat<sup>1</sup>, Bruno Ranchin<sup>2</sup>, Claus Peter Schmitt<sup>3</sup>, Flammier Sacha<sup>2</sup>, Miriam Schwetlick<sup>3</sup>, Lynsey Stronach<sup>4</sup>, Kate Walker<sup>4</sup>, Kathryn Waters<sup>4</sup>, Salim Caliskan<sup>1</sup>, Rukshana Shroff<sup>4</sup>** (<sup>1</sup>Turkey, <sup>2</sup>France, <sup>3</sup>Germany, <sup>4</sup>United Kingdom)

09:59 High plasma levels of fibroblast growth factor 23 and left ventricular hypertrophy on children on hemodialysis  
Fr-3MP 011 **Mathilde Baudin, Didier Chevenne, Constance Beyler, Julien Hogan, Theresa Kwon** (France)

10:03 The role of PARK7 in peritoneal dialysis induced peritoneal membrane- and vascular transformation  
Fr-3MP 012 **Eszter Levai<sup>1,2</sup>, Conghui Zhang<sup>2</sup>, Apor Veres-Szekely<sup>1</sup>, Maria Bartosova<sup>2</sup>, Domonkos Pap<sup>1</sup>, Iva Marinovic<sup>2</sup>, Beata Szebeni<sup>1</sup>, Rebecca Herzog<sup>3</sup>, Csege Szasz<sup>1</sup>, Betti Schaefer<sup>2</sup>, Klaus Kratochwill<sup>3</sup>, Sotirios Zarogiannis<sup>2,4</sup>, Attila Szabo<sup>1</sup>, Adam Vannay<sup>1</sup>, Claus Peter Schmitt<sup>2</sup>** (<sup>1</sup>Hungary, <sup>2</sup>Germany, <sup>3</sup>Austria, <sup>4</sup>Greece)

10:07 Innovative therapies in dialysis  
**Karin Gerritsen** (The Netherlands)

10:25 *Discussion*

**FRIDAY, 29 SEPTEMBER 2023**

**10:40-11:40 | EXHIBITION AREA A – LAMBA 1**

**POSTER SESSION 1A – DIALYSIS**

Chairs: Rute Baptista (*Portugal*), Fabio Pagialonga (*Italy*)  
(see page 54)

**10:40-11:40 | EXHIBITION AREA B – LAMBA 3**

**POSTER SESSION 1B – CKD**

Chairs: Julie Bernardor (*France*), Dorota Drozd (*Poland*)  
(see page 56)

**10:40-11:40 | EXHIBITION AREA C – GAMMA**

**POSTER SESSION 1C – CAKUT**

Chairs: Łukasz Obrycki (*Poland*), Tej Mattoo (*USA*)  
(see page 58)

**10:40-11:40 | EXHIBITION AREA D – ETHA**

**POSTER SESSION 1D – TRANSPLANTATION**

Chairs: Ryszard Grenda (*Poland*), Jelena Stojanovic (*United Kingdom*)  
(see page 60)

**10:40-11:40 | EXHIBITION AREA E – EPSYLON**

**POSTER SESSION 1E – GLOMERULAR DISORDERS**

Chairs: Matko Marlais (*United Kingdom*), Omprakash Mishra (*India*)  
(see page 63)

**10:40-11:40 | EXHIBITION AREA F – POSTER AREA A**

**POSTER SESSION 1F – GLOMERULAR DISORDERS**

Chairs: Jan Dudley (*United Kingdom*), Eda Didem Kurt-Sukur (*Turkey*)  
(see page 65)

**10:40-11:40 | EXHIBITION AREA G – POSTER AREA B**

**POSTER SESSION 1G – INHERITED KIDNEY DISORDERS**

Chairs: Michal Maternik (*Poland*), Evgenia Preka (*United Kingdom*)  
(see page 67)

FRIDAY, 29 SEPTEMBER 2023

10:40-11:40 | EXHIBITION AREA H – POSTER AREA C  
POSTER SESSION 1H – INHERITED KIDNEY DISORDERS

Chairs: Djalila Mekahli (*Belgium*), TBD  
(see page 69)

11:45-12:45 | ROOM ALFA  
MINI-SYMPOSIUM 1 – GLOMERULAR DISEASES 

Chairs: Dagmara Borzych-Duzalka (*Poland*), Olivia Boyer (*France*)

11:45 Evaluation and management of IgA nephropathy  
Hee Gyung Kang (*South Korea*)

12:00 Combination therapy for the first episode of SSNS  
Claire Dossier (*France*)

12:15 The next generation of clinical trials in pediatric glomerular disease  
John Mahan (*USA*)

12:30 Round table discussion

11:45-12:45 | ROOM BETA  
MINI-SYMPOSIUM 2 – PHARMACOKINETICS FOR PRECISION MEDICINE 

Chairs: Dusan Paripovic (*Serbia*), Johan Van de Walle (*Belgium*)

11:45 In CKD and dialysis patients  
Michiel Schreuder (*The Netherlands*)

12:00 In transplant recipients  
Agnieszka Prytula (*Belgium*)

12:15 Therapeutic drug monitoring – can saliva replace blood?  
Antonia Bouts (*The Netherlands*)

12:30 Round table discussion



FRIDAY, 29 SEPTEMBER 2023

**11:45-12:45 | ROOM ZETA**  
**MINI-SYMPOSIUM 3 - TRANSPLANTATION** ((▶))

Chairs: Licia Peruzzi (*Italy*), Burkhard Tönshoff (*Germany*)

11:45 Re-transplantation in teenagers  
Ryszard Grenda (*Poland*)

12:00 AI and transplant biopsies  
Julien Hogan (*France*)

12:15 Donor-derived cell-free DNA as a marker of transplant injury in paediatric SOT recipients  
Stephen Marks (*United Kingdom*)

12:30 Round table discussion

**12:45-13:45 | ROOM ALFA**  
**INDUSTRY SYMPOSIUM 1** ((▶▶))

(see page 90)

Lunch

**12:45-13:45 | ROOM BETA**  
**INDUSTRY SYMPOSIUM 2**

(see page 90)

Lunch

**12:45-13:45 | ROOM ZETA**  
**INDUSTRY SYMPOSIUM 3**

(see page 91)

Lunch

FRIDAY, 29 SEPTEMBER 2023

13:45–15:15 | ROOM ALFA

PLENARY LECTURE 3 AND BEST ABSTRACT PRESENTATIONS (🔊)

Chairs: Dieter Haffner (*Germany*), Augustina Jankauskiene (*Lithuania*)

13:45

Pediatric Nephrology – the need for a transformative transfusion of research and capacity development  
Jonathan Craig (*Australia*)

14:25

Fr-OP 007

Adult outcomes of childhood-onset idiopathic nephrotic syndrome (INS)  
Giulia Bassanese<sup>1</sup>, Licia Peruzzi<sup>2</sup>, Marina Vivarelli<sup>2</sup>, Aude Servais<sup>3</sup>, Antonia Bouts<sup>4</sup>, William Morello<sup>2</sup>, Annalisa Candino<sup>2</sup>, Elsa Ferriere<sup>3</sup>, Francesca Lugani<sup>2</sup>, Federica Mescia<sup>2</sup>, Marco Allinovi<sup>2</sup>, Giulio Del Vecchio<sup>2</sup>, Marco Busutti<sup>2</sup>, Sacha Flammier<sup>3</sup>, Franz Schaefer<sup>1</sup>  
(<sup>1</sup>Germany, <sup>2</sup>Italy, <sup>3</sup>France, <sup>4</sup>The Netherlands)

14:35

Fr-OP 008

Phase 3 trial of tolvaptan in pediatric autosomal dominant polycystic kidney disease (ADPKD): two years of data from an open-label extension  
Djalila Mekahli<sup>1</sup>, Lisa Guay-Woodford<sup>2</sup>, Melissa Cadnapaphornchai<sup>2</sup>, Larry Greenbaum<sup>2</sup>, Mieczyslaw Litwin<sup>3</sup>, Tomas Seeman<sup>4</sup>, Ann Dandurand<sup>2</sup>, Zhen Zhang<sup>2</sup>, Kimberly Sikes<sup>2</sup>, Susan Shoaf<sup>5</sup>, Franz Schaefer<sup>5</sup> (<sup>1</sup>Belgium, <sup>2</sup>USA, <sup>3</sup>Poland, <sup>4</sup>Czech Republic, <sup>5</sup>Germany)

14:45

Fr-OP 009

Belatacept outcomes in pediatric kidney transplantation: an international multicenter study  
Charlotte Duneton, Roshan George, Rochelle Liverman, Anne-Laure Sellier Leclerc, Oliver Dunand, Veronique Baudouin, Cheyssac Elodie, Rouba Garro, Julien Hogan (*France*)

14:55

Fr-OP 010

Study of the gut microbiota and permeability in lupus nephritis  
Miguel Castro, Inês Almada-Correia, Carla Motta, Catarina Guerreiro, Nikita Khmelinskii, Filipa Oliveira-Ramos, Gonçalo Barreto, Kari Eklund, Catarina Mendes, Mário Ramirez, João Fonseca, Patricia Costa-Reis (*Portugal*)

15:05

Fr-OP 011

Left ventricular hypertrophy in pediatric maintenance hemodialysis patients - findings from the International Pediatric Hemodialysis Network (IPHN)  
Dagmara Borzych-Duzalka<sup>1</sup>, Ruksana Shroff<sup>2</sup>, Dorota Drozd<sup>1</sup>, Sevcan Bakkaloglu<sup>3</sup>, Stephanie Tellier<sup>4</sup>, Fabio Pagnialonga<sup>5</sup>, Bruno Ranchin<sup>6</sup>, Yihui Zhai<sup>7</sup>, Marsha Lee<sup>8</sup>, Julia Thumfart<sup>9</sup>, Karel Vondrak<sup>10</sup>, Gema Ariceta<sup>11</sup>, Bradley A. Warady<sup>8</sup>, Franz Schaefer<sup>9</sup>, Claus Peter Schmitt<sup>9</sup> (<sup>1</sup>Poland, <sup>2</sup>United Kingdom, <sup>3</sup>Turkey, <sup>4</sup>France, <sup>5</sup>Italy, <sup>6</sup>France, <sup>7</sup>China, <sup>8</sup>USA, <sup>9</sup>Germany, <sup>10</sup>Czech Republic, <sup>11</sup>Spain)

15:15–15:45

Coffee break

FRIDAY, 29 SEPTEMBER 2023

**15:45-16:45 | ROOM ALFA**  
**CONTROVERSIES 1 – BP MANAGEMENT: HOW LOW SHOULD I GO? ((▶))**  
**KEEP BP BELOW THE 50<sup>th</sup> CENTILE**  
Chairs: Ali Duzova (*Turkey*), Nikoleta Printza (*Greece*)

15:45 Pro  
Manish Sinha (*United Kingdom*)

16:10 Con  
Mietek Litwin (*Poland*)

16:35 Rebuttal and Chair's conclusions

**15:45-16:45 | ROOM BETA**  
**CONTROVERSIES 2 – PRENATAL HYDRONEPHROSIS: ROUTINE PROPHYLAXIS FOR ALL? ((▶))**  
Chairs: Otto Mehls (*Germany*), Velibor Tasic (*Macedonia*)

15:45 Pro  
Per Brandström (*Sweden*)

16:10 Con  
William Morello (*Italy*)

16:35 Rebuttal and Chair's conclusions

**15:45-16:45 | ROOM ZETA**  
**SYMPOSIUM – DISASTER PREPAREDNESS ((▶))**  
Chairs: Aysun Bayazit (*Turkey*), Jun Oh (*Germany*)

15:45 Data from ground zero – Urgent medical care after earthquakes  
Sevcan Bakkaloglu (*Turkey*)

16:00 Managing kidney patients in war zones  
Dmytro Ivanov (*Ukraine*)

16:15 Dialysis for crush injuries  
Ayse Balat (*Turkey*)

16:30 Preparing for the future  
Fatma Sever (*Turkey*)

FRIDAY, 29 SEPTEMBER 2023

**16:45–18:00 | ROOM ALFA**  
**GUIDELINES SESSION – INHERITED KIDNEY DISORDERS WORKING GROUP** ((▶))  
Chairs: **Max Liebau** (*Germany*), **Matko Marlais** (*United Kingdom*)

**16:45** Diagnosis and management of the renal complications of tuberous sclerosis  
**Djalila Mekahli** (*Belgium*)

**17:05** Discussion

**17:10** A prediction model of kidney survival in patients with Autosomal recessive polycystic kidney disease (ARPKD) at the age of 2 months  
**Fr-3MP 013**  
**Kathrin Burgmaier, Samuel Kilian, Franz Schaefer, Max Liebau, for the ARegPKD Consortium** (*Germany*)

**17:14** Mutations in SLC34A1/NPT2a and SLC34A3/NPT2c are associated with distinct phenotypes  
**Fr-3MP 014**  
**Max Brunkhorst<sup>1</sup>, Lena Brunkhorst<sup>1</sup>, Svetlana Papizh<sup>2</sup>, Bertrand Knebelmann<sup>3</sup>, Serap Turan<sup>4</sup>, Laura Espinosa-Román<sup>5</sup>, Justine Bacchetta<sup>6</sup>, Priyanka Khandelwal<sup>7</sup>, Jean Pierre Salles<sup>8</sup>, Martine Besouw<sup>9</sup>, Alexey Tsygin<sup>2</sup>, Francesco Emma<sup>9</sup>, Valerie Porquet-Bordes<sup>3</sup>, Dieter Haffner<sup>1</sup>** (*<sup>1</sup>Germany, <sup>2</sup>Russia, <sup>3</sup>France, <sup>4</sup>Turkey, <sup>5</sup>Spain, <sup>6</sup>France, <sup>7</sup>India, <sup>8</sup>The Netherlands, <sup>9</sup>Italy*)

**17:18** Renal parameters under burosumab treatment for X-linked hypophosphatemic rickets  
**Fr-3MP 015**  
**Shelly Levi, Leonid Zeitlin, Mika Shapira-Rotman, Miriam Davidovits, Yael Borovitz, Avivit Brener, Shoshana Gal, Roxana Cleper, Rachel Bello, Yael Lebenthal, Yael Levy-Shraga, Dov Tiosano, Ravit Regev, Ori Goldberg, Daniel Landau** (*Israel*)

**17:22** X-linked hypophosphatemia: the value of feedback focus groups to assess patient and caregiver needs  
**Fr-3MP 016**  
**Estelle Wagner, Aurélia Bertholet-Thomas, Romier Mélanie, Loin Laure, Lemoine Sandrine, Vignot Emmanuelle, Flammier Sacha, Garnier Charlotte, Feutrier Corinne, Juillard Sandrine, Lienhart Guillemette, Justine Bacchetta** (*France*)

**17:26** The role of MFSD12 to control lysosomal cystine levels in cystinosis  
**Fr-3MP 017**  
**Tjessa Bondue<sup>1</sup>, Louise Medaer<sup>1</sup>, Rik Gijssbers<sup>1</sup>, Lambertus van den Heuvel<sup>1,2</sup>, Elena Levtschenko<sup>1,2</sup>** (*<sup>1</sup>Belgium, <sup>2</sup>The Netherlands*)

**17:30** ECYSCO: a European cohort dedicated to cystinosis  
**Fr-3MP 018**  
**Aude Servais<sup>1</sup>, Sonia Gueguen<sup>1</sup>, Marcella Greco<sup>2</sup>, Elena Levtschenko<sup>3</sup>, Gema Ariceta<sup>4</sup>, Julien Hogan<sup>1</sup>, Aurélia Bertholet-Thomas<sup>1</sup>, Robert Novo<sup>1</sup>, Lemoine Sandrine<sup>1</sup>, Kormann Raphael<sup>1</sup>, Katharina Hohenfellner<sup>5</sup>, Arshad Sulaiman<sup>1</sup>, Amselem Serge<sup>1</sup>, Niaudet Patrick<sup>1</sup>, Radico team<sup>1</sup>** (*<sup>1</sup>France, <sup>2</sup>Italy, <sup>3</sup>The Netherlands, <sup>4</sup>Spain, <sup>5</sup>Germany*)

FRIDAY, 29 SEPTEMBER 2023

16:45–18:00 | ROOM ALFA

**GUIDELINES SESSION – INHERITED KIDNEY DISORDERS WORKING GROUP** (cont.)

- 17:34** Kidney health in children with X-linked hypophosphatemia: A real-world study in Germany and Switzerland  
Fr-3IMP 019  
**Ineke Boeckmann<sup>1</sup>, Maren Leifheit-Nestler<sup>1</sup>, Ulrike John<sup>1</sup>, Oliver Metzger<sup>1</sup>, Mirko Rehberg<sup>1</sup>, Karl Schlingmann<sup>1</sup>, Markus Kemper<sup>1</sup>, Ludwig Patzer<sup>1</sup>, Marcus Weitz<sup>1</sup>, Elke Wühl<sup>1</sup>, Clemens Freiberg<sup>1</sup>, Guiseppina Sparta<sup>2</sup>, Dirk Schnabel<sup>1</sup>, Bernd Hoppe<sup>1</sup>, Dieter Haffner<sup>1</sup>** (*<sup>1</sup>Germany, <sup>2</sup>Switzerland*)
- 17:38** Oxalosis around the world: insight in the global health situation for primary hyperoxaluria  
Fr-3IMP 020  
**Lisa Deesker<sup>1</sup>, Elisabeth Metry<sup>1</sup>, Jaap Groothoff<sup>1</sup>, Justine Bacchetta<sup>2</sup>** (*<sup>1</sup>The Netherlands, <sup>2</sup>France*)
- 17:42** Metabolic reprogramming in tuberous sclerosis complex cystic kidney disease  
Fr-3IMP 021  
**Oded Volovelsky<sup>1</sup>, Morris Nechama<sup>1</sup>, Athar Amleh<sup>1</sup>** (*Israel*)
- 17:46** Aortic dilatation in children and young people with autosomal dominant polycystic kidney disease – the root cause analysis study  
Fr-3IMP 022  
**Alexandra Savis<sup>1</sup>, Emily Haseler<sup>1</sup>, Hayley Beardsley<sup>1</sup>, Phil Chowienczyk<sup>1</sup>, John Simpson<sup>1</sup>, Manish Sinha<sup>1</sup>** (*United Kingdom*)
- 17:50** Systemic oxalosis: an overview of the findings and prevalence in primary hyperoxaluria  
Fr-3IMP 023  
**Lisa Deesker<sup>1</sup>, Sander Garrelfs<sup>1</sup>, Jaap Groothoff<sup>1</sup>, On behalf of OxalEurope.2** (*The Netherlands*)
- 17:54** Early genetic testing of children with persistent haematuria allows a precision medicine approach to alter disease trajectory  
Fr-3IMP 024  
**Olivia Hall<sup>1</sup>, Holly Hough<sup>1</sup>, Ania Koziell<sup>1</sup>, Shazia Adalat<sup>1</sup>** (*United Kingdom*)



FRIDAY, 29 SEPTEMBER 2023

16:45–18:00 | ROOM BETA

**GUIDELINES SESSION – DIALYSIS WORKING GROUP** ((▶))

Chairs: **Karolis Azukaitis** (*Lithuania*), **Dean Wallace** (*United Kingdom*)

16:45 European guidelines on lipid apheresis  
**Doortje Reijman** (*The Netherlands*)

17:05 Discussion

17:10 The paediatric integrated care index: a tool for assessing and incorporating complex care needs  
Fr-3MP 025 in healthcare provision to children on peritoneal dialysis  
**Kalliopi Vardaki**, **Melissa Brassington**, **Hannah Gosling**, **Katie Naylor**, **Nabil Melhem**,  
**Shazia Adalat** (*United Kingdom*)

17:14 Antibiotic prophylaxis at the time of the peritoneal dialysis catheter insertion  
Fr-3MP 026 **Delwyn Nagra**, **Francesca De Zan**, **Rukshana Shroff** (*United Kingdom*)

17:18 Acute aminoglycoside overdose: management and risks  
Fr-3MP 027 **Eline Hermans**, **Evelien Snauwaert**, **Pieter De Cock**, **Karolien De Leener**, **Agnieszka Prytula**, **Joke Dehoorne**, **Lien Dossche**, **Johan Vande Walle**, **Dominique Vandijck**, **Ann Raes** (*Belgium*)

17:22 Using homemade peritoneal dialysis fluids allows saving lives of children with severe acute  
Fr-3MP 028 kidney injury in a limited-resource setting  
**Agathe Nkoy**<sup>1,2</sup>, **Therance Matoka**<sup>1</sup>, **Odio Matondo**<sup>1</sup>, **Orielle Minimbu**<sup>1</sup>, **Floreen Mumaka**<sup>1</sup>,  
**Flore Talu**<sup>1</sup>, **Tina Musa**<sup>1</sup>, **Dieumerici Betukumesu**<sup>1</sup>, **Voly Ndiyo**<sup>1</sup>, **Orly Kazadi**<sup>1</sup>, **Elena  
Levtchenko**<sup>2,3</sup>, **Pépé Ekulu**<sup>1</sup> (*<sup>1</sup>Zaire, <sup>2</sup>Belgium, <sup>3</sup>The Netherlands*)

17:26 Serum metabolic profile is associated with peritoneal dialysis vintage and peritonitis episodes  
Fr-3MP 029 in pediatric population: Preliminary results of a perspective study  
**Antonia Kondou**, **Vasiliki Karava**, **John Dotis**, **Olga Begou**, **Eleftherios Panteris**, **Anna  
Taparkou**, **Georgios Theodoridis**, **Helen Gika**, **Nikoleta Printza** (*Greece*)

17:30 Investigating concordance of kidney care coding between UK Renal Registry data and health  
Fr-3MP 030 records for children with established kidney failure  
**Lucy Plumb**, **Aisha Bello**, **Anna Casula**, **Shalini Santhakumaran**, **Zoe Plummer**, **Barny  
Hole**, **Manish Sinha**, **Fergus Caskey**, **Voav Ben-Shlomo**, **Dorothea Nitsch** (*United  
Kingdom*)

17:34 French pediatric nephrologists are in crisis: the consequences of paradoxical injunctions  
Fr-3MP 031 **Justine Bacchetta**, **Olivia Boyer**, **Julien Hogan**, **François Nobili**, **Faudeux Camille**,  
**Lapeyraque Anne Laure**, **Fort Emmanuel** (*France*)



FRIDAY, 29 SEPTEMBER 2023

16:45–18:00 | ROOM BETA  
GUIDELINES SESSION – DIALYSIS WORKING GROUP (cont.)

- 17:38 Etelcalcetide improves systolic cardiac function, myocardial fibrosis and impaired cardiomyocyte contractility in mice exposed to chronic high phosphate load  
Fr-3IMP 032 **Maren Leifheit-Nestler, Andrea Grund, Dieter Haffner** (Germany)
- 17:42 Kidney diseases in Ukrainian child refugees; data from 13 Polish tertiary paediatric nephrology centres  
Fr-3IMP 033 **Michał Maternik, Tkaczyk Marcin, Grenda Ryszard, Pańczyk-Tomaszewska Małgorzata, Domżol Agata, Brodkiewicz Andrzej, Siten Grzegorz, Wasilewska Anna, Stankiewicz Roman, Kilis-Pstrusinska Katarzyna, Sikora Przemysław, Zachwieja Jacek, Drozd Dorota, Zurowska Aleksandra** (Poland)
- 17:46 The role in clinical practice of serum creatine and cystatine C based equation for estimation of glomerular filtration ratio, a double edge sword?  
Fr-3IMP 034 **Samantha Innocenti, Marco Moscato, Tommaso Mazzerli, Cecilia Finocchi, Sarah Ercolotti, Andrea Latessa, Carmela Errichiello, Elisa Buti, Francesca Becherucci, Luigi Cirillo, Paola Romagnani** (Italy)
- 17:50 Refining kidney survival in 383 genetically characterized patients with nephronophthisis  
Fr-3IMP 035 **Jens König<sup>1</sup>, Joachim Gerß<sup>1</sup>, Karl-Peter Schlingmann<sup>1</sup>, Mareike Dahmer-Heath<sup>1</sup>, Gema Ariceta<sup>2</sup>, Valentine Gillion<sup>3</sup>, Detlef Bockenhauer<sup>4</sup>, Aurélie Bertholet-Thomas<sup>5</sup>, Antonio Mastrangelo<sup>6</sup>, Olivia Boyer<sup>5</sup>, Marc Lilien<sup>7</sup>, Stéphane Decramer<sup>5</sup>, Joost Schanstra<sup>5</sup>, Carsten Bergmann<sup>1</sup>, Martin Konrad for the NEOCYST consortium** (1Germany, 2Barcelona, 3Belgium, 4United Kingdom, 5France, 6Italy, 7The Netherlands)
- 17:54 Mortality, morbidity and care trajectories of dialysed children with CKD5 before the age of 5 years in France  
Fr-3IMP 036 **Hélène Denailly, Mathilde Lassalle, Tim Ulinski, Cecile Couchoud, Cyrielle Parmentier** (France)

FRIDAY, 29 SEPTEMBER 2023

16:45–18:00 | ROOM ZETA

**GUIDELINES SESSION – TRANSPLANTATION WORKING GROUP** 

Chairs: **Jerome Harambat** (*France*), **Martin Christian** (*United Kingdom*)

- 16:45** TTS guideline on diagnosis and management of BKPyV infection and nephropathy  
**Lars Pape** (*Germany*)
- 17:05** Discussion
- 17:10** Daratumumab for post-transplant recurrence of steroid resistant nephrotic syndrome  
Fr-3MP 037 **Claire Dossier**, **Lise Allard**, **Elodie Merieau**, **Jean-Daniel Delbet**, **Theresa Kwon**, **Julien Hogan** (*France*)
- 17:14** Plasma-Lyte-148 versus standard intravenous fluid in children receiving kidney transplants  
Fr-3MP 038 (PLUTO): a pragmatic, open-label, randomised controlled trial  
**Wesley Hayes**, **Rosie Brown**, **Fotini Kaloriyou**, **Nicos Kessararis**, **Martin Christian**, **Jan Dudley**, **Stephen Marks**, **Mohan Shenoy**, **Michal Malina**, **Mordi Mourah**, **Nick Ware**, **Pallavi Yadav**, **William Bryant**, **Helen Thomas**, **Mark Peters** (*United Kingdom*)
- 17:18** High resolution peripheral quantitative computed tomography (HR-pQCT) in teenagers undergoing a first renal transplantation: evolution between baseline and 6 months  
Fr-3MP 039 **Aurélie De Mul**, **Sellier Leclerc Anne-Laure**, **Ginhoux Tiphanie**, **Aurelle Manon**, **Portefaix Aurélie**, **Justine Bacchetta** (*France*)
- 17:22** Current practices in the management of children with failing kidney allografts: preliminary results from ESPN CKD-MBD, Dialysis and Transplant Working Groups  
Fr-3MP 040 **Zainab Arslan**<sup>1</sup>, **Lars Pape**<sup>2</sup>, **Fabio Paglialonga**<sup>3</sup>, **Günter Klaus**<sup>2</sup>, **Isabella Guzzo**<sup>3</sup>, **Jun Oh**<sup>2</sup>, **Justine Bacchetta**<sup>4</sup>, **Kathrin Buder**<sup>2</sup>, **Licia Peruzzi**<sup>3</sup>, **Mohan Shenoy**<sup>1</sup>, **Nur Canpolat**<sup>5</sup>, **Simon Thomas**<sup>4</sup>, **Burkhard Tönshoff**<sup>2</sup>, **Rukshana Shroff**<sup>1</sup> (*United Kingdom*, <sup>2</sup>*Germany*, <sup>3</sup>*Italy*, <sup>4</sup>*France*, <sup>5</sup>*Turkey*)
- 17:26** Correlation between clinical outcomes and quality of life of paediatric kidney transplant recipients  
Fr-3MP 041 **Maura Scott**, **Daniel Johnson**, **Ellen O'Connor**, **Nicos Kessararis**, **Stephen Marks**, **Sheila Boyle**, **Zainab Arslan**, **Jelena Stojanovic** (*United Kingdom*)
- 17:30** Trends in outcomes of paediatric kidney transplantation  
Fr-3MP 042 **Rute Baptista**, **Sofia Ventura**, **Jorge Malheiro**, **Ana Teixeira**, **Teresa Costa**, **Maria Sameiro Faria**, **Conceição Mota** (*Portugal*)





FRIDAY, 29 SEPTEMBER 2023

16:45–18:00 | ROOM ZETA

**GUIDELINES SESSION – TRANSPLANTATION WORKING GROUP** (*cont.*)

17:34 Renal allograft survival for (re)transplanted children in adulthood; an ERA registry study from 1978 to 2019  
Fr-3MP 043

**Evgenia Preka<sup>1,2</sup>, Marjolen Bonthuis<sup>2</sup>, Stephen Marks<sup>1</sup>, Anneke Kramer<sup>2</sup>, Vianda Stel<sup>2</sup>, Jerome Harambat<sup>3</sup>, Kitty Jager<sup>2</sup>** (*<sup>1</sup>United Kingdom, <sup>2</sup>The Netherlands, <sup>3</sup>France*)

17:38 Evaluation of cumulative effect of standard triple immunosuppression on the prevention of de novo Donor Specific Antibodies (dnDSA) production in children after kidney transplantation – a retrospective and prospective study  
Fr-3MP 044

**Agnieszka Urzykowska, Barbara Piątosza, Urszula Grycuk, Grzegorz Kowalewski, Zbigniew Kułaga, Ryszard Grenda** (*Poland*)

17:42 Safety and immunogenicity of HPV vaccination in immunocompromised girls: the Primavera clinical trial (NCT 01687192)  
Fr-3MP 045

**Jerome Harambat<sup>1</sup>, Guislaine Carcelain<sup>1</sup>, Tim Waterboer<sup>2</sup>, Dominique Debray<sup>1</sup>, Marina Charbit<sup>1</sup>, Bruno Ranchin<sup>1</sup>, Véronique Baudouin<sup>1</sup>, Stephane Decramer<sup>1</sup>, Annie Lahoche<sup>1</sup>, Emma Allain-Launay<sup>1</sup>, Brigitte Bader-Meunier<sup>1</sup>, Frédéric Gottrand<sup>1</sup>, Guillaume Simon<sup>1</sup>, Laura Richert<sup>1</sup>, Isabelle Heard<sup>1</sup>** (*<sup>1</sup>France, <sup>2</sup>Germany*)

17:46 Torque-Teno virus loads may predict opportunistic viral infections in pediatric kidney transplant recipients during post-transplant follow-up  
Fr-3MP 046

**Fabian Eibensteiner, Ines Messner-Schmutzer, Phoebe Uhl, Elisabeth Puchhammer-Stoeckl, Gregor Bond, Christoph Aufricht, Thomas Mueller-Sacherer, Krisztina Heindl-Rusai** (*Austria*)

17:50 Assessment of pre-transplant memory T cell phenotypes in children associated with costimulation blockade resistant rejection in adults  
Fr-3MP 047

**Charlotte Duneton<sup>1</sup>, Pam Winterberg<sup>1</sup>, Roshan George<sup>1</sup>, Julien Hogan<sup>1</sup>, Guislaine Carcelain<sup>1</sup>, Mandy Ford<sup>2</sup>** (*<sup>1</sup>France, <sup>2</sup>USA*)

17:54 Infection related hospitalizations in young versus older children undergoing kidney transplantation and its clinical determinants  
Fr-3MP 048

**Lena Brunkhorst, Dieter Haffner, Nele Kanzelmeyer** (*Germany*)

**SATURDAY, 30 SEPTEMBER 2023**

**07:00-07:50 | ROOM ALFA**

**GRAND ROUNDS 4 – RENAL STONE DISEASE: MEDICAL & SURGICAL MANAGEMENT** ((▶))

Chairs: Vidar Edvardsson (*Iceland*), Jaap Groothoff (*The Netherlands*)

Speakers: Wesley Hayes (*United Kingdom*), Naima Smeulders (*United Kingdom*)

**07:00-07:50 | ROOM BETA**

**GRAND ROUNDS 5 – ENURESIS MANAGEMENT IN THE TEENAGE GIRL** ((▶))

Chairs: Jameela Kari (*Saudi Arabia*), Johan Van de Walle (*Belgium*)

Speaker: Konstantinos Kamperis (*Denmark*)

**08:00-08:45 | ROOM ALFA**

**PLENARY LECTURE 4** ((▶))

Chairs: Milan Chromek (*Sweden*), Rukshana Shroff (*United Kingdom*)

Superbugs – The era of antibiotic resistance

Gunnar Kahlmeter (*Sweden*)

SATURDAY, 30 SEPTEMBER 2023

08:45–10:30 | ROOM ALFA  
SYMPOSIUM 4 – HYPERTENSION 

Chairs: Dorota Drozd (*Poland*), Marius Miglinas (*Lithuania*)

- 08:45 Hemodynamic phenotypes of HT and their relevance  
**Ali Duzova** (*Turkey*)
- 09:03 Discussion
- 09:08 Central BP monitoring – why, how & in whom?  
**Karolis Azukaitis** (*Lithuania*)
- 09:26 Discussion
- 09:31 Early vascular calcification related molecular pathways in children with chronic kidney disease  
Sa-OP 012 **Julie Bernardor**<sup>1</sup>, **Maria Bartosova**<sup>2</sup>, **Conghui Zhang**<sup>2</sup>, **Rebecca Herzog**<sup>3</sup>, **Iva Marinovic**<sup>2</sup>, **Klaus Kratochwill**<sup>3</sup>, **Farlay Delphine**<sup>4</sup>, **Dijkgraaf Ingrid**<sup>5</sup>, **Jaminon Armand**<sup>5</sup>, **Schurgers Leon**<sup>5</sup>, **Claus Peter Schmitt**<sup>2</sup> (*<sup>1</sup>France, <sup>2</sup>Germany, <sup>3</sup>Austria, <sup>4</sup>France, <sup>5</sup>The Netherlands*)
- 09:41 Age-related pediatric reference values for parameters of phosphate homeostasis, intact fibroblast growth factor 23 and soluble Klotho  
Sa-OP 013 **Maren Leifheit-Nestler**, **Veronika Pott**, **Helene Tietze**, **Nele Kanzelmeyer**, **Ulrich Baumann**, **Nima Memaran**, **Jeannine von der Born**, **Anette Melk**, **Anibh Das**, **Dirk Schnabel**, **Jens Drube**, **Dieter Haffner** (*Germany*)
- 09:51 Comparison of performance during computerized cognitive assessment in pediatric patients with primary hypertension and healthy controls  
Sa-3MP 049 **Kristijonas Puteikis**, **Karolis Azukaitis**, **Dovilė Mikučionytė**, **Danguolė Dadurkevičienė**, **Odeta Kinčinienė**, **Vaida Šileikienė**, **Kazys Simanauškas**, **Rūta Mameniškienė**, **Augustina Jankauskiene** (*Lithuania*)
- 09:55 Children's cystic kidney diseases: data from Lithuanian University of Health Sciences  
Sa-3MP 050 Department of Children Diseases  
**Antanas Naujokaitis**, **Gabrielė Zubrickytė**, **Diana Dobilienė**, **Sarunas Rudaitis**, **Cyte Donielaite**, **Jurate Masalskiene** (*Lithuania*)
- 09:59 Hypertension in children – Imaging protocol for suspected renovascular hypertension  
Sa-3MP 051 **Rita Pina Prata**<sup>1</sup>, **Manish Sinha**<sup>2</sup>, **Joanna Newton**<sup>2</sup>, **Narayan Karunanithy**<sup>2</sup>, **Dipalee Durve**<sup>2</sup> (*<sup>1</sup>Portugal, <sup>2</sup>United Kingdom*)
- 10:03 The growing prevalence of hypertension associated with obesity in childhood: time to act early  
Sa-3MP 052 **Nicola Townsend**, **Georgia Giazla**, **Zainab Arslan** (*United Kingdom*)

SATURDAY, 30 SEPTEMBER 2023

08:45–10:30 | ROOM ALFA  
SYMPOSIUM 4 – HYPERTENSION (*cont.*)

10:07 BP and neurocognition  
Jaap Groothoff (*The Netherlands*)

10:25 Discussion

08:45–10:30 | ROOM BETA  
SYMPOSIUM 5 – DIAGNOSTICS ((▶))

Chairs: Tim Ulinski (*France*), Jan Dudley (*United Kingdom*)

08:45 Genetics in CKD: ready for prime time?  
Emilie Cornec-Le Gall (*France*)

09:03 Discussion

09:08 Liver transplantation vs RNAi therapy for the treatment of primary hyperoxaluria  
Jun Oh (*Germany*)

09:26 Discussion

09:31 Impaired metabolism and increased mitochondrial oxidative stress cause podocytes  
Sa-OP 014 dysfunction in cystinosis  
Sante Princiero Berlingerio<sup>1</sup>, Sarah Tassinari<sup>2</sup>, Tjessa Bondue<sup>1</sup>, Angela Ferrulli<sup>2</sup>,  
Marc Fransen<sup>1</sup>, Sara Cairoli<sup>2</sup>, Bianca Goffredo<sup>2</sup>, Fanny Oliveira Arcolino<sup>3</sup>, Benedetta  
Bussolati<sup>2</sup>, Lambertus van den Heuvel<sup>1</sup>, Elena Levchenko<sup>3</sup> (<sup>1</sup>Belgium, <sup>2</sup>Italy, <sup>3</sup>The  
Amsterdam)

09:41 Long-term clinical outcomes in patients with distal renal tubular acidosis after 6 years  
Sa-OP 015 treatment with Sibnaya  
Aurélia Bertholet-Thomas, Julie Bernardor, Gwenaëlle Roussey, Robert Novo, François  
Nobili, Bertrand Knebelmann, Jerome Harambat, Emilija Golubovic, Olivia Boye,  
Mathilde Cailliez, Justine Bacchetta (*France*)

09:51 Biallelic variants of the planar cell polarity gene CELSR3 are implicated in congenital and  
Sa-3MP 053 developmental central nervous system anomalies and urinary tract malformations  
Jil Stegmann<sup>1</sup>, Jeshurun Kalanithy<sup>1</sup>, Gabriel Dworschak<sup>1</sup>, Nina Ishorst<sup>1</sup>, Enrico  
Mingardo<sup>1</sup>, Filipa Lopes<sup>2</sup>, Phillip Grote<sup>1</sup>, Heiko Reutter<sup>1</sup>, Gregor Hagelueken<sup>1</sup>, Matthias  
Geyer<sup>1</sup>, Adrian Woolf<sup>1</sup>, Benjamin Odermatt<sup>1</sup>, Alina Hilger (<sup>1</sup>Germany, <sup>2</sup>United Kingdom)



**SATURDAY, 30 SEPTEMBER 2023**

**08:45–10:30 | ROOM BETA**  
**SYMPOSIUM 5 – DIAGNOSTICS** (*cont.*)

- 09:55** Calcineurin inhibitors in Mendelian steroid resistant nephrotic syndrome: an international retrospective study  
Sa-3MP 055 **Georgia Malakasioti<sup>1</sup>, Daniela Iancu<sup>2</sup>, Alexey Tsygin<sup>3</sup>, Kazumoto Iijima<sup>4</sup>, Rajiv Sinha<sup>5</sup>, Giovanni Montini<sup>6</sup>, Aoife Waters<sup>2</sup>, Olivia Boyer<sup>7</sup>, Zeynep Vildirim<sup>8</sup>, Hugh J. McCarthy<sup>9</sup>, Marina Vivarelli<sup>6</sup>, Larisa Prikhodina<sup>3</sup>, Martine Besouw<sup>10</sup>, Eugene Yu-hin Chan<sup>11</sup>, Kjell Tullus<sup>2</sup>** (<sup>1</sup>Greece, <sup>2</sup>United Kingdom, <sup>3</sup>Russia, <sup>4</sup>Japan, <sup>5</sup>India, <sup>6</sup>Italy, <sup>7</sup>France, <sup>8</sup>Turkey, <sup>9</sup>Australia, <sup>10</sup>The Netherlands, <sup>11</sup>Hong Kong)
- 09:59** A homozygous tbc1d31 variation as a potential novel cause of autosomal recessive congenital anomalies of the kidney and urinary tract  
Sa-3MP 054 **Seha Saygılı, Can Koşukcu, Turgut Baştuğ, Özlem Akgün Doğan, Esra Karabag Vilmaz, Ayşe Kalyoncu Uçar, Ayse Agbas, Nur Canpolat, Salim Çalışkan, Fatih Ozaltin** (Turkey)
- 10:03** Ofatumumab provides a safe and effective alternative in rituximab failure?  
Sa-3MP 056 **Evgenia Preka, Emma Rigby, Gajendran Sellathurai, Louise Kipping, Ania Koziell** (United Kingdom)
- 10:07** Decoding human kidney and heart disease at single cell and single molecular resolution  
**Christoph Kuppe** (Germany)
- 10:25** Discussion

SATURDAY, 30 SEPTEMBER 2023

08:45–10:30 | ROOM ZETA  
SYMPOSIUM 6 – MANAGEMENT DILEMMAS ((▶))  
Chairs: Tej Mattoo (USA), Kjell Tullus (United Kingdom)

- 08:45 ADPKD – to screen or not to screen?  
Max Liebau (Germany)
- 09:03 Discussion
- 09:08 Tubulointerstitial nephritis – steroids for all?  
Louise Oni (United Kingdom)
- 09:26 Discussion
- 09:31 Development of a HNF1B prediction model in children with congenital anomalies of the kidneys and urinary tract – an international, multicenter study  
Sa-OP 016 Marcin Kolbuc<sup>1</sup>, Mateusz Kofek<sup>2</sup>, Rafał Motyka<sup>1</sup>, Beata Bienias<sup>1</sup>, Sandra Habbig<sup>3</sup>, Jens König<sup>3</sup>, Larisa Prikhodina<sup>4</sup>, Velibor Tasic<sup>5</sup>, Monika Miklaszewska<sup>1</sup>, Augustina Jankauskiene<sup>6</sup>, Yo Han Ahn<sup>7</sup>, Hae Il Cheong<sup>7</sup>, Przemysław Sikora<sup>1</sup>, Bodo Beck<sup>4</sup>, Marcin Zaniewl<sup>1</sup> (<sup>1</sup>Poland, <sup>2</sup>Austria, <sup>3</sup>Germany, <sup>4</sup>Russia, <sup>5</sup>Macedonia, <sup>6</sup>Lithuania, <sup>7</sup>South Korea)
- 09:41 Effect on immunosuppressive treatment on medium-term kidney outcomes in a large cohort of children with histologically confirmed IgA Vasculitis nephritis  
Sa-OP 017 Katharina Rohner<sup>1</sup>, Matko Marlais<sup>2</sup>, IgA Vasculitis Nephritis Study Group, Kjell Tullus<sup>2</sup> (<sup>1</sup>Switzerland, <sup>2</sup>United Kingdom)
- 09:51 Decreased incidence of post-acute COVID-19 acute tubulo-interstitial nephritis : effect of vaccination in children  
Sa-3IMP 057 Marina Avramescu, Pierre Isnard, Marc Fila, Claire Dossier, Tim Ulinski, Damia Leguevaques, Bruno Ranchin, Sylvie Cloarec, Faudeux Camille, Caroline Rousset Rouviere, Florence Porcheret, Thomas Simon, Ariane Zalozyc, Jerome Harambat, Olivia Boyer (France)
- 09:55 Worldwide view of access to treatment and investigations in nephropathic cystinosis: a 2022  
Sa-3IMP 058 perspective  
Maitena Regnier<sup>1</sup>, Flammier Sacha<sup>1</sup>, Boutaba Mounia<sup>2</sup>, Aliou Ndongo<sup>3</sup>, Aude Servais<sup>1</sup>, Franz Schaefer<sup>4</sup>, Elena Levchenko<sup>5</sup>, Justine Bacchetta<sup>1</sup>, Aurélie Bertholet-Thomas<sup>1</sup> (<sup>1</sup>France, <sup>2</sup>Algeria, <sup>3</sup>Senegal, <sup>4</sup>Germany, <sup>5</sup>Belgium)
- 09:59 FPC function required to suppress formation of cystic epithelia in ARPKD  
Sa-3IMP 059 Fatima Hassan, Susanne Hahnenstein, Hanna Burmester, Dieter Haffner, Wolfgang Ziegler (Germany)

**SATURDAY, 30 SEPTEMBER 2023**

**08:45–10:30 | ROOM ZETA**  
**SYMPOSIUM 6 – MANAGEMENT DILEMMAS** (*cont.*)

**10:03** Rapidly progressive autosomal polycystic kidney disease: risk factors during childhood and early adulthood  
Sa-3MP 060  
Stijn Wigerinck<sup>1,2</sup>, Pieter Schellekens<sup>1</sup>, Angélique Dachy<sup>1</sup>, Maroun Chedid<sup>2</sup>, Christian Hanna<sup>2</sup>, Francois Jouret<sup>1</sup>, Peter Harris<sup>2</sup>, Bert Bammens<sup>1</sup>, Fouad Chebib<sup>2</sup>, Djalila Mekahli<sup>1</sup> (<sup>1</sup>Belgium, <sup>2</sup>USA)

**10:07** Nephrogenic diabetes insipidus – what’s in a name?  
Detlef Bockenhauer (*Belgium*)

**10:25** Discussion

**10:40–11:40 | EXHIBITION AREA A – LAMBA 1**  
**POSTER SESSION 2A – DIALYSIS AND TRANSPLANTATION**  
Chairs: Stella Stabouli (*Greece*), Ariane Zaloszcyc (*France*)  
(see page 72)

**10:40–11:40 | EXHIBITION AREA B – LAMBA 3**  
**POSTER SESSION 2B – CKD**  
Chairs: : Jan Dudley (*United Kingdom*), Dusan Paripovic (*Serbia*)  
(see page 73)

**10:40–11:40 | EXHIBITION AREA C – GAMMA**  
**POSTER SESSION 2C – CAKUT**  
Chairs: Jameela Kari (*Saudi Arabia*), Maria Szczepanska (*Poland*)  
(see page 75)

**10:40–11:40 | EXHIBITION AREA D – ETHA**  
**POSTER SESSION 2D – TRANSPLANTATION**  
Chairs: Agnieszka Prytula (*Belgium*), TBD  
(see page 77)

**10:40–11:40 | EXHIBITION AREA E – EPSYLON**  
**POSTER SESSION 2E – GLOMERULAR DISORDERS**  
Chairs: William Morello (*Italy*), Sikora Przemyslanw (*Poland*)  
(see page 79)

## SATURDAY, 30 SEPTEMBER 2023

### 10:40–11:40 | EXHIBITION AREA F – POSTER AREA A POSTER SESSION 2F – GLOMERULAR DISORDERS

Chairs: TBD  
(see page 82)

### 10:40–11:40 | EXHIBITION AREA G – POSTER AREA B POSTER SESSION 2G – INHERITED KIDNEY DISORDERS

Chairs: Detlef Bockenhauer (Belgium), Max Liebau (Germany)  
(see page 84)

### 10:40–11:40 | EXHIBITION AREA H – POSTER AREA C POSTER SESSION 2H – INHERITED KIDNEY DISORDERS

Chairs: Vidar Edvardsson (Iceland), Wesley Hayes (United Kingdom)  
(see page 86)

### 11:00–11:45 | ROOM LAMBDA 2 NATIONAL SOCIETIES PRESIDENTS MEETING

### 11:45–12:45 | ROOM ALFA MINI-SYMPOSIUM 4 – CAKUT AND NEPHRO-UROLOGY

Chairs: Beata Lipska (Poland), Stefanie Weber (Germany)

- 11:45 When to suspect HNF1B nephropathy: a diagnostic algorithm  
Marcin Zaniew (Poland)
- 12:00 Renal artery stenosis: interventional approach or primary repair?  
Jelena Stojanovic (United Kingdom)
- 12:15 Integrating genome diagnostics for CAKUT in clinical practice  
Rik Westland (The Netherlands)
- 12:30 Round table discussion



**SATURDAY, 30 SEPTEMBER 2023**

**11:45-12:45 | ROOM BETA**  
**MINI-SYMPOSIUM 5 - GLOMERULAR DISEASES** ((▶))

Chairs: Claire Dossier (*France*), Arvydas Laurinavicius (*Lithuania*)

11:45 The podocyte in glomerular diseases  
William Smoyer (*USA*)

12:00 Oedema in nephrotic syndrome  
Arend Bökenkamp (*The Netherlands*)

12:15 Gene therapy in SRNS  
Moin Saleem (*United Kingdom*)

12:30 Round table discussion

**11:45-12:45 | ROOM ZETA**  
**MINI-SYMPOSIUM 6 - CKD** ((▶))

Chairs: John Mahan (*USA*), Aleksandra Zurowska (*Poland*)

11:45 The gut - kidney axis  
Johannes Benjamin Holle (*Germany*)

12:00 Managing bone disease in patients with rare inherited disorders  
Justine Bacchetta (*France*)

12:15 The obesity pandemic and CKD  
Stella Stabouli (*Greece*)

12:30 Round table discussion

**12:45-13:45 | ROOM ALFA**  
*Lunch*

**12:45-13:45 | ROOM BETA**  
**INDUSTRY SYMPOSIUM 4**  
(*see page 92*)

*Lunch*

**12:45-13:45 | ROOM ZETA** ((▶))  
**INDUSTRY SYMPOSIUM 5**  
(*see page 93*)

*Lunch*

**SATURDAY, 30 SEPTEMBER 2023**

**13:45-14:30 | ROOM ALFA**  
**GUIDELINES SESSION – CAKUT WORKING GROUP** (▶▶)  
Chairs: **Silvio Maringhini** (*Italy*), **Marcin Tkaczyk** (*Poland*)

- 13:45** Diagnosis and management of fetal lower urinary tract obstruction  
**Giovanni Montini** (*Italy*)
- 14:05** Discussion
- 14:10** How well do we predict renal dysplasia? Comparison between prenatal ultrasound and postnatal renal scintigraphy  
Sa-3MP 061 **Yael Borovitz**, **David Ben Meir**, **Yinon Gilboa**, **Ayelet Alon**, **Shir Danieli**, **Sharon Perlman** (*Israel*)
- 14:14** Urinary tract infections caused by extended-spectrum B-lactamases (ESBL)-producing pathogens. A single center experience  
Sa-3MP 062 **John Dotis**, **Antonia Kondou**, **Vasiliki Karava**, **Konstantinos Pavlogiannis**, **Athina Papadopoulou**, **Nikoleta Printza** (*Greece*)
- 14:18** Acute kidney injury in patients with cystic fibrosis  
Su-3MP 090 **Ozge Kaynar**, **Ruveyda Gulmez**, **Huseyin Arslan**, **Seha Saygılı**, **Azer Kılıç Başkan**, **Esra Karabag Vilmaz**, **Ayşe Ağbas**, **Haluk Çokugras**, **Ayşe Ayzit Kılinc Sakalli**, **Nur Canpolat** (*Turkey*)
- 14:22** Chronic kidney disease-mineral bone disorder affects all skeletal sites  
Sa-3MP 064 **Alexander D. Lalayiannis**, **Nicola Crabtree**, **Selmy Silva**, **Nadine Goodman**, **Lorenzo Biassoni**, **Mary Fewtrell**, **Rukshana Shroff** (*United Kingdom*)
- 14:26** Kidney volume normative values in children aged 0-18 years - preliminary results of multicenter study  
Sa-3MP 065 **Łukasz Obrycki**, **Jędrzej Sarnecki**, **Małgorzata Placzyńska**, **Małgorzata Stańczyk**, **Tadeusz Dereziński**, **Terezie Šuláková**, **Renata Vitkevič**, **Janusz Feber** (*Poland*)

**13:45-14:30 | ROOM BETA**  
**GUIDELINES SESSION – GLOMERULAR DISEASES WORKING GROUP**

**SATURDAY, 30 SEPTEMBER 2023**

Chairs: **Claire Dossier** (*France*), **Aleksandra Zurowska** (*Poland*)

- 13:45** Diagnosis and management of children with steroid sensitive nephrotic syndrome  
**Dieter Haffner** (*Germany*)
- 14:05** Discussion
- 14:10** Levamisole suppresses activation and proliferation of human T-cells by the induction of a P53  
Sa-3MP 066 dependant DNA damage response  
**Djera Khan, Floor Veltkamp, Mirte Scheper, Ron Hoebe, Nike Claessen, Loes Butter, Antonia Bouts, Jeroen Guikema, Sandrine Florquin** (*The Netherlands*)
- 14:14** Apolipoprotein L1 localizatiion in endoplasmic reticulum triggers calcium flux leading to kidney  
Sa-3MP 067 dysfunction  
**Oyindamola Adebayo<sup>1</sup>, Sergio Rocafort<sup>1</sup>, Evelien Van Hoeymissen<sup>1</sup>, Annelies Janssen<sup>1</sup>, Elena Levtschenko<sup>2</sup>, Joris Vriens<sup>1</sup>, Lambertus van den Heuvel<sup>1,2</sup>, Veerle Labarque<sup>1</sup>** (*<sup>1</sup>Belgium, <sup>2</sup>The Netherlands*)
- 14:18** The French 2022 epidemic of Shiga-toxin producing Escherichia coli O26: H11: characteristics  
Sa-3MP 068 and outcome of patients  
**Nabila Djouadi, Gwenaelle Roussey, Annie Lahoche, Amélie Ryckewaert, Djamal Dine Djeddi, Jérôme Harambat, Olivia Boyer, Marc Fila, Tim Ulinski, Aurélie Cointe, Gabrielle Jones, Julien Hogan, Theresa Kwon** (*France*)
- 14:22** Immunoglobulin levels in children treated with immunosuppressive agents for steroid  
Sa-3MP 069 dependent or frequent relapsing nephrotic syndrome  
**Magdalena Drozynska-Duklas, Irena Balasz-Chmielewska, Ilona Zagodzdon, Aleksandra Zurowska** (*Poland*)
- 14:26** Risk of relapse after SARS-CoV-2 vaccination in children with idiopathic nephrotic syndrome  
Sa-3MP 070  
**Paola Castelli, William Morello, Giuseppe Puccio, Jessica Serafinelli, Federica Vianello, Silvia Bernardi, Chiara Tamburello, Alberto Edefonti, Giovanni Montini** (*Italy*)



SATURDAY, 30 SEPTEMBER 2023

13:45-14:30 | ROOM ZETA

**GUIDELINES SESSION – CKD-MBD WORKING GROUP** (🔊)

Chairs: Fabio Paglialonga (*Italy*), Oded Volovelsky (*Israel*)

13:45 Optimizing nutritional management for children with CKD and on dialysis  
**Vanessa Shaw** (*United Kingdom*)

14:05 Discussion

14:10 Gastrostomy tube feeding improves weight but not height in young children with chronic kidney  
Sa-3IMP 071 disease  
**Shelley Cleghorn<sup>1</sup>, Abdulelah Alshaiban<sup>1,2</sup>, Adebola Osuntoki<sup>1</sup>, Rukshana Shroff<sup>1</sup>** (*United Kingdom, <sup>2</sup>Saudi Arabia*)

14:14 Serum metabolic profile is associated with clearance adequacy in pediatric peritoneal dialysis  
Sa-3IMP 072 population: Preliminary results of an ongoing perspective study  
**Antonia Kondou, John Dotis, Vasiliki Karava, Olga Begou, Elefterios Panteris, Konstantinos Pavlogiannis, Georgios Theodoridis, Dimitrios Zafeiriou, Helen Gika, Nikoleta Printza** (*Greece*)

14:18 Dietary phosphate educational materials for paediatric chronic kidney disease: is inconsistent  
Sa-3IMP 073 messaging reducing their IMPACT?  
**Louise McAlister, Vanessa Shaw, Rukshana Shroff** (*United Kingdom*)

14:22 Chronic high phosphate load causes left ventricular dilation associated with impaired  
Sa-3IMP 074 cardiomyocyte contractility and increased fibrosis in mice  
**Gloria Richter, Andrea Grund, Dieter Haffner, Maren Leifheit-Nestler** (*Germany*)

14:26 High phosphate diet induces tertiary lymphoid structures in the kidney of mice  
Sa-3IMP 075  
**Nina Weingärtner, Beatrice Richter, Franziska Walles, Tamar Kapanadze, Florian Limbourg, Dieter Haffner, Maren Leifheit-Nestler** (*Germany*)

**SATURDAY, 30 SEPTEMBER 2023**

**14:30-15:30 | ROOM ALFA**  
**SYMPOSIUM – WHAT’S NEW?** ((▶))

Chairs: **Detlef Bockenhauer** (*Belgium*), **Jaap Groothoff** (*The Netherlands*)

14:30 PHI – is liver transplantation required in the RNAi era?  
**Sander Garrelfs** (*The Netherlands*)

14:50 The multidisciplinary management of cystinosis  
**Elena Levtchenko** (*Belgium*)

15:10 Diagnosis and management of dRTA  
**Francesco Emma** (*Italy*)

**14:30-15:30 | ROOM BETA**  
**CONTROVERSIES 3 – MANAGEMENT OF NEPHROTIC SYNDROME IN TEENAGERS** ((▶))

Chairs: **Jonathan Craig** (*Australia*), **Rezan Topaloglu** (*Turkey*)

14:30 Kidney biopsy first  
**Andrea Angeletti** (*Italy*)

14:55 Start steroids  
**Olivia Boyer** (*France*)

15:20 Rebuttal and Chair’s conclusions

**14:30-15:30 | ROOM ZETA**  
**CONTROVERSIES 4 – CLINICAL TARGETS IN MBD TREATMENT** ((▶))

Chairs: **Guenther Klaus** (*Germany*), **Agnieszka Prytula** (*Belgium*)

14:30 Prevent bone disease  
**Alexander D. Lalayiannis** (*United Kingdom*)

14:55 Prevent vascular calcification  
**Julie Bernardor** (*France*)

15:20 Rebuttal and Chair’s conclusions

**15:30-16:00**

*Coffee break*



SATURDAY, 30 SEPTEMBER 2023

16:00–17:15 | ROOM ALFA

INNOVATIONS AND INDUSTRY SYMPOSIUM AND BEST PITCHES (▶)

Chairs: Jun Oh (*Germany*), Dieter Haffner (*Germany*)

16:00 Predictors of hyperkalaemia in pediatric patients on dialysis: multicenter prospective observational study  
Sa-3MP 076

Silvia Consolo<sup>1</sup>, Rukshana Shroff<sup>2</sup>, Ilona Zagodzón<sup>3</sup>, Sevcan Bakkaloglu<sup>4</sup>, Ariane Zaloszc<sup>5</sup>, Augustina Jankauskiene<sup>6</sup>, Alejandro Cruz Gual<sup>7</sup>, Maria Rosa Grassi<sup>1</sup>, Louise McAlister<sup>2</sup>, Aleksandra Skibiak<sup>3</sup>, Burcu Yazicioglu<sup>4</sup>, Francesca Sofia Grassi<sup>1</sup>, Giuseppe Puccio<sup>1</sup>, Fabio Paglialonga<sup>1</sup>, Alberto Edefonti<sup>1</sup> (*<sup>1</sup>Italy, <sup>2</sup>United Kingdom, <sup>3</sup>Poland, <sup>4</sup>Turkey, <sup>5</sup>France, <sup>6</sup>Lithuania, <sup>7</sup>Spain*)

16:04 Persistent kidney abnormalities and their association with genetic risk factors in a large cohort of African sickle cell anemia children  
Sa-3MP 077

Agathe Nkoy<sup>1,2</sup>, Florene Mumaka<sup>1</sup>, Therance Matoka<sup>1</sup>, Flore Talu<sup>1</sup>, Ange Ngonde<sup>1</sup>, Robert Kitenge<sup>1</sup>, Léon Tshilolo<sup>1</sup>, Veerle Labarque<sup>2</sup>, Lambertus P. Van den Heuvel<sup>2</sup>, Pépé Ekulu<sup>1</sup>, Elena Levchenko<sup>2,3</sup> (*<sup>1</sup>Congo, <sup>2</sup>Belgium, <sup>3</sup>The Netherlands*)

16:08 National clinical outcomes in children with multi-organ transplants: an update from the UNIQUE Study  
Sa-3MP 078

Alicia Paessler, Hannah Maple, Miriam Cortes, Pallavi Yadav, Vincent Tse, Mordi Muorah, Nicos Kessarar, Jelena Stojanovic (*United Kingdom*)

16:12 Update on a global anti B cell strategy with obinutuzumab and daratumumab with difficult to treat steroid dependant nephrotic syndrom  
Sa-3MP 080

Benjamin Prim, Christelle Moreau, Julien Hogan, Theresa Kwon, Georges Deschenes, Claire Dossier (*France*)

16:16 Gene-environment interactions are a relevant mechanism in the aetiology of congenital solitary functioning kidney  
Sa-3MP 081

Sander Groen In 't Woud, Marleen van Gelder, Iris van Rooij, Wout Feitz, Nel Roeleveld, Michiel Schreuder, Loes van der Zanden (*The Netherlands*)

SATURDAY, 30 SEPTEMBER 2023

- 16:20** Metabolic acidosis and allograft dysfunction in pediatric kidney transplant recipients  
Sa-3IMP 082 **Agnieszka Prytula<sup>1</sup>, Rukshana Shroff<sup>2</sup>, Ineke van Gremberghe<sup>1</sup>, Kai Krupka<sup>3</sup>, Atif Awan<sup>4</sup>, Elisa Benetti<sup>5</sup>, Ryszard Grenda<sup>6</sup>, Izabella Guzzo<sup>5</sup>, Nele Kanzelmeyer<sup>3</sup>, Jens König<sup>3</sup>, Jun Oh<sup>3</sup>, Lars Pape<sup>3</sup>, Mohan Shenoy<sup>2</sup>, Burkhard Tönshoff<sup>5</sup> (*<sup>1</sup>Belgium, <sup>2</sup>United Kingdom, <sup>3</sup>Germany, <sup>4</sup>Ireland, <sup>5</sup>Italy, <sup>6</sup>Poland*)**
- 16:24** Genetic determinants of renal scarring in infants with febrile urinary tract infection  
Sa-3IMP 083 **Therese Rosenblad, Magnus Lindén, Per Brandström, Ines Ambite, Gabriela Godaly** (*Sweden*)
- 16:28** Molecular findings in a group of patients with primary hypomagnesemia and salt-losing tubulopathy  
Sa-3IMP 084 **Leyre Madariaga Dominguez, Alejandro García-Castaño, Leire Gondra Sangroniz, María Herrero Goñi, Mireia Aguirre Meñica, Sara Gómez-Conde, Renaltube Group** (*Spain*)
- 16:32** A multicenter, randomized, double-blind, placebo-controlled Phase 3 study (APPARENT) to assess the efficacy and safety of iptacopan in idiopathic (primary) immune complex-mediated membranoproliferative glomerulonephritis  
Sa-3IMP 085 **Nicholas Webb<sup>1</sup>, Udaykiran Veldandi<sup>2</sup>, David Kavanagh<sup>3</sup>, Marina Vivarelli<sup>4</sup>, Andrew Bomback<sup>5</sup>, Yaqin Wang<sup>5</sup>, Matthias Meier<sup>1</sup>, Richard Smith<sup>5</sup>** (*<sup>1</sup>Switzerland, <sup>2</sup>India, <sup>3</sup>United Kingdom, <sup>4</sup>Italy, <sup>5</sup>USA*)
- 16:36** “Sibnaya<sup>®</sup>”, an innovative product with sustained release effective in the treatment of dRTA patients  
**Aurelia Bertholet-Thomas** (*France*)
- 16:51** Challenges and solutions in designing pediatric bloodlines  
**Ralf Mueller** (*Germany*)
- 17:01** Finerenone for the treatment of children with chronic kidney disease and proteinuria  
**Mieczyslaw Litwin** (*Poland*)

17:15–18:30 | ROOM ALFA

ESPN GENERAL ASSEMBLY

SUNDAY, 1 OCTOBER 2023

07:00–07:30 | ROOM ALFA ((▶))

**BREAKFAST WITH THE YPNN**

Chairs: Fabio Paglialonga (*Italy*), Evgenia Preka (*United Kingdom*)

Advancing your Well-Being  
John Mahan (*USA*)

07:30–08:30 | ROOM ALFA ((▶))

**BREAKFAST WITH THE YPNN**

Career progression  
Julien Hogan (*France*), Louise Oni (*United Kingdom*)

07:30–08:30 | ROOM BETA ((▶))

**BREAKFAST WITH THE YPNN**

Performing clinical research  
Jerome Harambat (*France*), Patricia Costa-Reis (*Portugal*)

07:30–08:30 | ROOM ZETA ((▶))

**BREAKFAST WITH THE YPNN**

Talk like TED  
Jaap Groothoff (*The Netherlands*), Rik Westland (*The Netherlands*)

08:30–09:30 | ROOM ALFA ((▶))

**PLENARY LECTURE 5 AND LAUNCH OF THE GREEN NEPHROLOGY TASKFORCE**

Chairs: Aysun Bayazit (*Turkey*), Rukshana Shroff (*United Kingdom*)

08:30 Going green: sustainability in nephrology practice  
Peter Blankestijn (*The Netherlands*)

09:15 Launch of the Green Nephrology Taskforce  
Rukshana Shroff (*United Kingdom*)



SUNDAY, 1 OCTOBER 2023

09:30–11:15 | ROOM ALFA

**SYMPOSIUM 7 – COMPLEMENT MEDIATED DISORDERS** (🔊)

Chairs: **Gema Ariceta** (*Spain*), **Michal Malina** (*United Kingdom*)

- 09:30** How to interpret genetic results in patients with aHUS  
**Michal Malina** (*United Kingdom*)
- 09:48** Discussion
- 09:53** How histology informs diagnosis in C3 glomerulopathy  
**Francesca Diemedi-Camassei** (*Italy*)
- 10:11** Discussion
- 10:16** Cross-omics profiling of proteome, metabolome, and transcriptome reveals molecule and clearance dynamics and origin in peritoneal dialysis  
Su-OP 018 **Rebecca Herzog**, **Fabian Eibensteiner**, **Klaus Kratochwill** (*Austria*)
- 10:26** Deep intronic variants in X-linked alport syndrome: from detection to therapeutic hopes  
Su-OP 019 **Jessica Kachmar**, **Hassan Saei**, **Marie Boisson**, **Christelle Arrondel**, **Nicolas Cagnard**, **Vincent Morinière**, **Zaina Ait Arkoub**, **Laurence Heidet**, **Aurélie Hummel**, **Bertrand Knebelmann**, **Olivier Gribouval**, **Christine Bole-Feysot**, **Patrick Nitschké**, **Corinne Antignac**, **Guillaume Dorval** (*France*)
- 10:36** Hemolytic uremic syndrome: first days in the intensive care. Creatinine or cystatin?  
Su-3MP 086 **Adriana Devolder**, **Bruna Surinyac**, **Fatima Castillo**, **Laura Armendariz**, **Gloria Fraga**, **Sonia Brió** (*Spain*)
- 10:40** Clinical characteristics and outcome of patients with atypical Hemolytic uremic syndrome: Belgium cohort of the global aHUS registry  
Su-3MP 087 **Johan Van de Walle**, **Laurent Weekers**, **Kathleen Claes**, **Broeders Nilufer**, **Evelien Snauwaert**, **Djalila Mekahli**, **Eric Goffin**, **Collard Laure**, **Godfroid Nathalie**, **Adams Brigitte**, **Vanhaute Karen**, **Morelle Johann**, **Dirk Kuypers**, **Van Hoeck Koenraad**, **Annick Massart** (*Belgium*)
- 10:44** Management and outcome of atypical hemolytic uremic syndrome in children since the marketing of complement inhibitors: a nationwide study  
Su-3MP 088 **Margaux Boitault**, **Carine El-Sissy**, **Marc Fila**, **Sellier Leclerc Anne-Laure**, **Caroline Rousset Rouviere**, **Emma Allain-Launay**, **Ferielie Louillet**, **Annie Lahoche**, **Faudeux Camille**, **Jerome Harambat**, **Theresa Kwon**, **Véronique Frémeaux-Bacchi**, **Olivia Boyer** (*France*)



SUNDAY, 1 OCTOBER 2023

10:48 **Su-3MP 089** Outcome in children with IgA vasculitis with nephritis treated with oral immunosuppressive treatment in combination with steroids  
**Jean-Daniel Delbet, Helene Armier, Stephanie Clave, Marc Fila, Jerome Harambat, Olivia Boyer, Julien Hogan, Justine Bacchetta, Stephane Decramer, Vincent Guignonis, Etienne Berard, Cyrielle Parmentier, Thibaut Dizarny, Tim Ulinski (France)**

10:52 Complement in IgA nephropathy  
**Malgorzata Mizerska-Wasiak (Poland)**

11:10 Discussion

09:30-11:15 | ROOM BETA  
**SYMPOSIUM 8 - CRITICAL CARE NEPHROLOGY** ((▶))  
Chairs: **Isabella Guzzo (Italy), Jun Oh (Germany)**

09:30 Extracorporeal therapies for acute liver injury  
**Akash Deep (United Kingdom)**

09:48 Discussion

09:53 AKI and CKD after stem cell transplant  
**Jelena Rascon (Lithuania)**

10:11 Discussion

10:16 **Su-OP 020** Use of tocilizumab in the treatment of chronic active antibody-mediated rejection in pediatric kidney transplant recipients  
**Maria Sangermano, Susanna Negrisolo, Benedetta Antoniello, Andrea Carraro, Marta Vadori, Elisa Cuciz, Germana Longo, Enrico Vidal, Davide Meneghesso, Mattia Parolin, Emanuele Cozzi, Elisa Benetti (Italy)**

10:26 **Su-OP 021** The impact of the molecular HLA-epitope mismatch load on allosensitization after kidney transplantation is most pronounced in childhood, adolescence, and early adulthood  
**Cecilia Brunner, Kai Castrezana-Lopez, Jakob Nilsson, Thomas Mueller, Giuseppina Spartá, Thomas Schachtner (Switzerland)**

10:36 **Sa-3MP 063** Descriptive analysis of a pediatric population with horseshoe kidney: a retrospective multicenter observational study  
**Domenico Amabile, Andrea Pasini, Anita Ammenti, Pierluigi Marzuillo, Roberto Chimenz, Roberta Camilla, Milena Brugnara, Davide Meneghesso, Ciro Corrado, Floriana Scozzola, Mario Giordano, Maria Luisa Conte, Luigi Annicchiarico Petruzzelli, Marco Pennesi, Claudio La Scola (Italy)**

SUNDAY, 1 OCTOBER 2023

09:30-11:15 | ROOM BETA  
SYMPOSIUM 8 – CRITICAL CARE NEPHROLOGY (*cont.*)

- 10:40 Acute untoward effects of maintenance hemodialysis in children. Findings from the  
Su-3VIP 091 International Pediatric Hemodialysis Network (IPHN)  
**Dagmara Borzych-Duzalka<sup>1</sup>, Bruno Ranchin<sup>2</sup>, Fabio Pagnialonga<sup>3</sup>, Amrit Kaur<sup>4</sup>,  
Charlotte Samaille<sup>2</sup>, Ruksana Shroff<sup>4</sup>, Jamella Kari<sup>5</sup>, Hazem Subhi Awad<sup>6</sup>, Rayner  
Loza<sup>7</sup>, Maria Szczepańska<sup>8</sup>, Marc Fila<sup>2</sup>, Robin Ericson<sup>9</sup>, Bradley A. Warady<sup>10</sup>, Franz  
Schaefer<sup>11</sup>, Claus Peter Schmitt<sup>11</sup>** (<sup>1</sup>Poland, <sup>2</sup>France, <sup>3</sup>Italy, <sup>4</sup>United Kingdom, <sup>5</sup>Saudi Arabia,  
<sup>6</sup>United Arab Emirates, <sup>7</sup>Peru, <sup>8</sup>Poland, <sup>9</sup>New Zealand, <sup>10</sup>United States, <sup>11</sup>Germany)
- 10:44 Factors affecting the degree of acute kidney injury in pediatric earthquake victims with crush  
Su-3VIP 092 syndrome in the first week following rescue  
**Bahriye Atmis, Aysun Karabay Bayazit, Cagla Cagli Piskin, Emel Saribas, Sevcan Bilen,  
Ferhat Can Piskin, Ozden Ozgur Horoz, Faruk Ekinci, Ikbal Turker, Hasan Ali Telefon,  
Hayri Levent Yilmaz, Nejat Narli, Dincer Yildizdas** (*Turkey*)
- 10:48 10 years experience in the use of cuffed-tunneled central vascular catheters in paediatric  
Su-3VIP 093 haemodialysis  
**Diego Morante Martínez, Carlota Fernández Cambor, Laura Espinosa Román, Marta  
Melgosa Hijosa, Ascensión Camarena Piñero, Ana Isabel Herretes Balsa, Miriam López  
Font, Ángel Alonso Melgar** (*Spain*)
- 10:52 QI programs in ICU nephrology  
**David Selewski** (*USA*)
- 11:10 Discussion

SUNDAY, 1 OCTOBER 2023

09:30–11:15 | ROOM ZETA

**SYMPOSIUM 9 – ESPN/ERA AND ERKNET REGISTRIES** (▶▶)

Chairs: **Marjolen Bonthuis** (*The Netherlands*), **George Reusz** (*Hungary*)

- 09:30** Lessons learned from registries in pediatric nephrology  
**Jerome Harambat** (*France*)
- 09:48** Discussion
- 09:53** Long-term effects in childhood cancer survivors  
**Esmee Kooijmans** (*The Netherlands*)
- 10:11** Discussion
- 10:16** Caloric restriction during pregnancy impairs nephrogenesis by modifying epigenetic regulation  
Su-OP 022 in nephron progenitor cells  
**Yaniv Makayes, Yehudit Bergman, Morris Nechama, Oded Volovelsky** (*Israel*)
- 10:26** A prospective surveillance study of conservative care in childhood kidney failure in the United  
Su-OP 023 Kingdom and Republic of Ireland  
**Lucy Plumb, Anna Casula, Carol Inward, Heather Maxwell, Richard Lynn, Manish Sinha, Fergus Caskey** (*United Kingdom*)
- 10:36** European survey on long-term paediatric haemodialysis  
Su-3MP 094 **Enzo Vedrine<sup>1</sup>, Rukshana Shroff<sup>2</sup>, Claus Peter Schmitt<sup>3</sup>, Johan Van De Walle<sup>4</sup>, Bruno Ranchin<sup>1</sup>** (<sup>1</sup>*France*, <sup>2</sup>*United Kingdom*, <sup>3</sup>*Germany*, <sup>4</sup>*Belgium*)
- 10:40** Cuffed-tunneled central vascular catheters for haemodialysis and associated infections: 10  
Su-3MP 095 years experience in one single paediatric centre  
**Diego Morante Martínez, Carlota Fernández Cambor, Laura Espinosa Román, Marta Melgosa Hijosa, María Aparicio López, Mónica Nadal Nuñez, María Méndez Perruca, Angel Alonso Melgar** (*Spain*)
- 10:44** An update on the characteristics, treatment history and survival of 18-year olds who started  
Su-3MP 096 kidney replacement therapy during childhood: an ERA Registry analysis  
**Iris R. Montez de Sousa<sup>1</sup>, Marjolein Bonthuis<sup>1</sup>, Anneke Kramer<sup>1</sup>, Enrico Vidal<sup>2</sup>, Sevcan A. Bakaloglu<sup>3</sup>, Vianda S. Stel<sup>1</sup>, Kitty J. Jager<sup>1</sup>** (<sup>1</sup>*The Netherlands*, <sup>2</sup>*Italy*, <sup>3</sup>*Turkey*)

SUNDAY, 1 OCTOBER 2023

09:30–11:15 | ROOM ZETA

SYMPOSIUM 9 – ESPN/ERA AND ERKNET REGISTRIES (*cont.*)

- 10:48 **Su-3MP 097** Determining the role of membrane bound complement regulatory proteins (mCRPs) as paediatric renal transplant biomarkers in antibody-mediated rejection (ABMR)  
**Rishil Patel<sup>1</sup>, Nithiakishna Selvathesan<sup>2</sup>, Thivya Sekar<sup>1</sup>, Katherine Swarbrick<sup>1</sup>, Olumide Ogunbiyi<sup>1</sup>, Stephen Marks<sup>1</sup>** (<sup>1</sup>United Kingdom, <sup>2</sup>Canada)
- 10:52 “Real life” data or RCTs?  
**Burkhard Tönshoff** (*Germany*)
- 11:10 Discussion

11:15–11.30

*Coffee break*

11:30–13:21 | ROOM ALFA

INHERITED AND GLOMERULAR DISEASES – WORKING GROUP SESSION 

Chairs: **Alison Ma** (*Hong Kong*), **Jūrate Masalskiene** (*Lithuania*)

- 11:30 **Su-3MP 138** Genetic mutation pattern and risk factors in congenital and steroid resistant nephrotic syndrome in children: a systematic review and meta-analysis  
**Reza Fahlevi<sup>1</sup>, Michiel Schreuder<sup>2</sup>** (<sup>1</sup>Indonesia, <sup>2</sup>The Netherlands)
- 11:34 **Su-3MP 139** IgA vasculitis with kidney involvement: clinical features and outcomes  
**Augustina Jankauskiene, Skirmante Rusoniene, Karolis Azukaitis, Egle Lanzbergaite-Manuilova** (*Lithuania*)
- 11:38 **Su-3MP 140** Obinutuzumab as an alternative therapy in FR/SDNS children with anti-rituximab antibodies  
**Claire Dossier, Sabine Mignot, Christelle Moreau, Marine Peyneau, Elodie Cheyssac, Antoine Mouche, Tim Ulinski, Julien Hogan, Cyrielle Parmentier** (*France*)
- 11:42 **Su-3MP 141** Long term adult outcome of patients with pediatric onset steroid sensitive nephrotic syndrome (SSNS) in the occitanie region  
**Florine Perez, Anais Pages, Stephane Decramer, Claire Duflos, Denis Morin, Marc Fila** (*France*)



**SUNDAY, 1 OCTOBER 2023**

**11:30–13:21 | ROOM ALFA**

**INHERITED AND GLOMERULAR DISEASES – WORKING GROUP SESSION** *(cont.)*

**11:42** The utility of rituximab in steroid sensitive nephrotic syndrome: a preliminary feasibility study  
Su-3MP 142

**Hai Liang Tan, Yok Chin Yap, Caroline Siew Vin Eng** *(Malaysia)*

**11:46** The century cold war: is the kidney biopsy useful in children with nephrotic syndrome?

Su-3MP 144 **Antonio Mastrangelo, Davide Silvio Marazza, Costanza Pucci, Silvia Giaconia, Paola Castelli, William Morello, Giovanni Montini** *(Italy)*

**11:50** These deposits should not be taken lightly

Su-3MP 146 **Ana Cristina Aguilar Rodríguez, Pedro Arango Sancho, Bernat Gomez Herrera, Elena Codina Sampera, Raquel Jiménez García, Yolanda Calzada Baños, Marta Jiménez Moreno, Ana Belén Larqué Daza, Héctor Salvador Hernández, Álvaro Madrid Aris** *(Spain)*

**11:54** Vaccine responses in children with congenital nephrotic syndrome immunized during nephrosis

Su-3MP 148 **Okko Savonius, Timo Jahnukainen** *(Finland)*

**11:58** Late steroid-resistance and degree of proteinuria predict treatment response to rituximab in childhood steroid-resistant nephrotic syndrome: an international, multi-centre study

Su-3MP 149 **Eugene Yu Hin Chan<sup>1</sup>, Aditi Sinha<sup>2</sup>, Ellen Yu<sup>1</sup>, Alison Lap-tak Ma<sup>1</sup>, Gian Marco Chiggeri<sup>3</sup>, Olivia Boyer<sup>4</sup>, Laura Lucchetti<sup>3</sup>, Luke Sydney Hopf<sup>5</sup>, Hui Kim Yap<sup>6</sup>, Rajiv Sinha<sup>7</sup>, Maria Dolores Camargo Muñoz<sup>8</sup>, William Morello<sup>3</sup>, Desmond Yat-hin Yap<sup>1</sup>, Kjell Tullus<sup>9</sup>, and Collaborators from 28 Paediatric Nephrology Centres** *(<sup>1</sup>Hong Kong, <sup>2</sup>India, <sup>3</sup>Italy, <sup>4</sup>France, <sup>5</sup>Germany, <sup>6</sup>Singapore, <sup>7</sup>India, <sup>8</sup>Mexico, <sup>9</sup>United Kingdom)*

**12:02** FOXD2 dysfunction is implicated in syndromic congenital anomalies of the kidney and urinary tract (CAKUT)

Su-3MP 150 **Korbinian Riedhammer<sup>1</sup>, Thanh-Minh Nguyen<sup>2</sup>, Can Koşukçu<sup>3</sup>, Julia Calzada-Wack<sup>1</sup>, Yong Li<sup>1</sup>, Seha Saygili<sup>3</sup>, Gwang-Jin Kim<sup>1</sup>, Salim Caliskan<sup>3</sup>, Anna Köttgen<sup>1</sup>, Sebastian Arnold<sup>1</sup>, Fatih Ozaltin<sup>3</sup>, Miriam Schmidts<sup>2</sup>, Julia Hoefele<sup>1</sup>, FOXD2 Research Consortium** *(<sup>1</sup>Germany, <sup>2</sup>The Netherlands, <sup>3</sup>Turkey)*



SUNDAY, 1 OCTOBER 2023

11:30–13:21 | ROOM ALFA

**INHERITED AND GLOMERULAR DISEASES – WORKING GROUP SESSION** (cont.)

- 12:06** Renal relapse in children and adolescents with childhood-onset lupus nephritis: a 20-year study  
Su-3MP 151  
**Eugene Yu hin chan, Desmond Yat-hin Yap, Wilfred Hing-sang Wong, Sze-wa Wong, Kyle Ying-kit Lin, Felix Yan-wai Hui, Jennifer Yee-ming Li, Sophia Suet-ying Lam, Jennie Kit-yea Wong, Fiona Fung-yea Lai, Tsz-wai Ho, Pak-chiu Tong, Wai-ming Lai, Tak Mao Chan, Alison Lap-tak Ma** (*Hong Kong*)
- 12:10** Membranous nephropathy following treatment with sebelipase alfa in Wolman disease  
Su-3MP 152  
**Megan Athersmith, Bernard Davenport, Rachel Lennon, Arunabha Ghosh, Simon Jones, Amrit Kaur** (*United Kingdom*)
- 12:14** Ravulizumab leads to rapid amelioration of clinical and laboratory findings in treatment naive paediatric aHUS patients: single referral centre real-life experience  
Su-3MP 153  
**Lovro Lamot<sup>1</sup>, Eva Brenner<sup>1</sup>, Luka Bulic<sup>1</sup>, Ivan Jakopcic<sup>1</sup>, Masa Davidovic<sup>1</sup>, Maja Ban<sup>1</sup>, Ivanka Kos<sup>1</sup>, Hana Matkovic<sup>1</sup>, Zoltan Prohaszka<sup>2</sup>, Kristina Vrljicak<sup>1</sup>** (<sup>1</sup>*Croatia*, <sup>2</sup>*Hungary*)
- 12:18** 10-year outcome of children with Idiopathic Nephrotic Syndrome in France: the NEPHROVIR population-based cohort  
Su-3MP 154  
**Victoire Thenot, Olivia Boyer, Sonia Azib, Fouad Madhi, Jean-Daniel Delbet, Gregoire Benoit, Julien Hogan, Claire Dossier** (*France*)
- 12:22** Benefits of early intervention at the onset of proteinuria in steroid dependent nephrotic syndrome  
Su-3MP 155  
**Asiri Abeyagunawardena, Ishanya Abeyagunawardena, Supun Manathunga** (*Sri Lanka*)
- 12:26** Detecting, Identifying, “visualizing” urine odors with electronic nose Aryballle NeOse advance  
Su-3MP 156  
**Irakli Rtskhaladze, Tamar Biganashvili, Miranda Shukakidze, Sophia Sirbiladze, Ia Nemsadze** (*Georgia*)
- 12:30** Anti-factor B antibodies are present in a small proportion of patients with atypical hemolytic uremic syndrome  
Su-3MP 145  
**Priyanka Khandelwal, Shreeshha Nambiar, Rahul Saini, Aditi Sinha, Pankaj Hari, Jayanth Kumar, Arvind Bagga** (*India*)
- 12:34** Omics and precision medicine  
**Klaus Kratochwill** (*Austria*)
- 12:42** Discussion



SUNDAY, 1 OCTOBER 2023

11:30–13:21 | ROOM BETA

CAKUT AND CKD – WORKING GROUP SESSION (▶)

Chairs: Arend Bökenkamp (*The Netherlands*), Giovanni Montini (*Italy*)

11:30 Benefits of vitamin D supplementation in children with chronic kidney disease: a systematic review  
Su-3MP 098

Erika Wijaya, Novina Novina, Erni Nuraeni, Dany Hilmanto (*Indonesia*)

11:34 Sodium zirconium cyclosilicate for controlling acute and chronic hyperkalemia: experience in paediatric chronic kidney disease and dialysis  
Su-3MP 099

Priyanka Khandelwal, Louise McAlister, Sarit Shah, Rukshana Shroff (*United Kingdom*)

11:38 Lessons of war: children's nephrological care in Ukraine  
Su-3MP 100

Dmytro Ivanov, Velizaveta Lagodych, Vladimir Bezruk, Dmytro Shevchuk, Lyudmyla Vakulenko, Iryna Zavalna, Iryna Melnyk, Olga Dobrik, Natalia Lukyanenko, Ganna Zvenigorodska (*Ukraine*)

11:42 Acute kidney disease – the silent continuum of kidney injury  
Su-3MP 101

Flavia Chisavu, Ramona Stroescu, Ruxandra Steflea, Lazar Chisavu, Mihai Gafencu (*Romania*)



SUNDAY, 1 OCTOBER 2023

11:30-13:21 | ROOM BETA

CAKUT AND CKD – WORKING GROUP SESSION (cont.)

- 11:52** Su-3MP 102 Determination of renal parenchymal changes in preterm-born children by MRI-derived radiomics – a machine learning study  
**Gokcen Civan, Ayse Agbas, Ahmet Oz, Ozge Oguzhan, Ayse Kalyoncu Ucar, Esra Karabag Yilmaz, Seha Saygili, Nur Canpolat, Sebuhan Kurugoglu, Salim Caliskan, Fatma Sever (Turkey)**
- 11:56** Su-3MP 103 High inorganic phosphate intake causes renal phosphate wasting by PiT-2/ERK1/2 mediated downregulation of NPT2a  
**Maren Leifheit-Nestler, Stefanie Walter, Franziska Walles, Beatrice Richter, Dieter Haffner (Germany)**
- 12:00** Su-3MP 104 Etelcalcetide ameliorates the progression of high phosphate diet induced tubular injury in mice  
**Franziska Walles, Beatrice Richter, Nina Weingärtner, Jan Bräsen, Dieter Haffner, Maren Leifheit-Nestler (Germany)**
- 12:04** Su-3MP 105 New treatments, new challenges: nephrotoxicity associated to naxitamab in patients with high risk neuroblastoma  
**Ana Cristina Aguilar Rodríguez, Pedro Arango Sancho, Juan Pablo Muñoz Pérez, Maite Gorostegui Obanos, Ana Carolina Izurieta Pacheco, Elena Codina Sampera, Marta Jiménez Moreno, Yolanda Calzada Baños, Raquel Jiménez García, Bernat Gomez Herrera, Álvaro Madrid Aris, Jaume Mora (Spain)**
- 12:08** Su-3MP 107 *Lactobacillus rhamnosus* PL1 and *Lactobacillus plantarum* PM1 versus placebo as a prophylaxis for recurrence tract infections in children: a randomised controlled trial  
**Maria Daniel, Hanna Szymanik-Grzelak, Sierdzinski Janusz, Małgorzata Panczyk-Tomaszewska (Poland)**
- 12:12** Su-3MP 106 X-linked filaminopathy in a patient with congenital anomalies of the kidney and urinary tract  
**Sergey Baiko, Oksana Mazur, Alena Mikhalenka (Belarus)**
- 12:16** Su-3MP 108 Evaluation and follow-up of urinary tract infection and renal scar frequency in pediatric patients with primary vesicoureteral reflux  
**Demet Tekcan Karali, Hülya Nalçacıoğlu, Hülya Gözde Önal (Turkey)**
- 12:20** Su-3MP 109 Preferential clinical equations to estimate glomerular filtration rate in children with chronic kidney disease stages 3–5: Influence of sex and anthropometric variables  
**Sofia Poço Miranda, Sofia Ventura, Luís Salazar, Bebiana Sousa, Sara Mosca, Liane Correia-Costa, Liliána Rocha, Ana Teixeira, Paula Matos, Teresa Costa, Maria Sameiro Faria, Conceição Mota (Portugal)**



SUNDAY, 1 OCTOBER 2023

11:30–13:21 | ROOM BETA

CAKUT AND CKD – WORKING GROUP SESSION (*cont.*)

- 12:24  
Su-3MP 110  
Estimated glomerular filtration rate using cystatin C: an early marker of chronic kidney disease in neurogenic bladder pediatric patients  
**Bebiana Sousa, Luis Salazar, Sofia Poço Miranda, Sofia Ventura, Rosa Amorim, Maria Sameiro Faria, Teresa Costa, Conceição Mota, Alberto Caldas Afonso** (*Portugal*)
- 12:28  
Su-3MP 111  
Interleukin-10 influences the recruitment of immune cells in the neonatal mouse model of obstructive uropathy  
**Maja Wyczanska, Franziska Thalmeier, Ursula Keller, Richard Klaus, Hamsa Narasimhan, Barbara Schraml, Markus Sperandio, Bärbel Lange-Sperandio** (*Germany*)
- 12:32  
Su-3MP 112  
Early versus late nephrectomy in children with congenital nephrotic syndrome of the Finnish type  
**Aino Suihko, Juuso Tainio, Jetta Tuokkola, Elisa Ylinen, Tuula Holtta, Timo Jahnukainen** (*Finland*)
- 12:36  
Su-3MP 113  
Alports syndrome: are we ACE-ing the management  
**Samantha Williamson, Eric Finlay, Hitesh Prajapati, Amanda Newnham, Kay Tyerman, Pallavi Yadav** (*United Kingdom*)
- 12:40  
Su-3MP 114  
Bone impairment in atypical hemolytic and uremic syndrome treated by long term eculizumab  
**Maitena Regnier, Sellier Leclerc Anne-Laure, Julie Tenenbaum, Marine Desjonquieres, Veronique Fremeaux-Bacchi, Farlay Delphine, Justine Bacchetta** (*France*)
- 12:44  
Su-3MP 115  
Cardiovascular outcomes improve in children with renovascular hypertension following endovascular and surgical interventions  
**Emily Redhead, Alicia Paessler, Zainab Arslan, Premal Patel, Kishore Minhas, Colin Forman, Sebastiano Lava, Samiran Ray, Nicos Kessar, Alessandro Giardini, Vineetha Ratnamma, Nadine Dobby, Kjell Tullus, Jacob Simmonds, Jelena Stojanovic** (*United kingdom*)
- 12:48  
Su-3MP 116  
Rapid compliment inhibition with the C5 inhibitor crovalimab: timing analysis using animal model and composer trial data  
**Cristian Brocchieri<sup>1</sup>, Leigh Beveridge<sup>2</sup>, Muriel Buri<sup>1</sup>, Niels Janssen<sup>1</sup>, Patty Leon<sup>2</sup>, Yoshinori Tsuboi<sup>3</sup>, Simon Buatois<sup>1</sup>** (*<sup>1</sup>Switzerland, <sup>2</sup>USA, <sup>3</sup>Japan*)
- 12:52  
Su-3MP 117  
Rapid detection of heterozygous carrier of AGT for autosomal recessive renal tubular dysgenesis in Taiwan  
**Min-Hua Tseng, Jhao-Jhuang Ding, Shih-Hua Lin** (*Taiwan*)



SUNDAY, 1 OCTOBER 2023

11:30–13:21 | ROOM BETA

**CAKUT AND CKD – WORKING GROUP SESSION** (cont.)

12:56 Sex differences in life expectancy and cardiovascular burden in children with CKD and after transplantation  
**Anette Melk** (Germany)

13:16 Discussion

11:30–13:00 | ROOM ZETA

**DIALYSIS AND TRANSPLANTATION – WORKING GROUP SESSION** ((▶))

Chairs: **Evgenia Preka** (United Kingdom), **Tim Ulinski** (France)

11:30 Hyponatremia as an acute kidney injury predictor factor among critically ill children  
Su-3VIP 118 **Maria Lipka, Vakhtang Ukleba, Irakli Gogokhia** (Georgia)

11:34 Early steroid withdrawal reduces prevalence of hypertension in children following kidney transplantation  
Su-3VIP 119 **Tom Dowsett, Louise Kipping, Helen Jones, Grainne Walsh, Nick Ware, Manish Sinha, Mohan Shenoy** (United Kingdom)

11:38 A qualitative study: exploring patient, family and clinician perspectives about the psychosocial factors influencing access to kidney transplantation and transplant outcomes for children  
Su-3VIP 120 **Ji Soo Kim, Stephen Marks, Jo Wray** (United Kingdom)

11:42 Nephrological follow-up of pediatric earthquake victims: a single center experience  
Su-3VIP 121 **Cemaliye Başaran, Özgür Özdemir-Şimşek, Demet Alaygut, Seçil Arslansoyu-Çamlar, Fatma Mutlubaş, Ayşe Berna Anıl, Belde Kasap-Demir** (Turkey)

11:44 Treatment of peritoneal dialysis exit site granuloma with sodium chloride powder versus copper sulphate – A single center experience  
Su-3VIP 122 **Azilawati Hanim Binti Ghozali, Yok Chin Yap, Jia Yi Tham, Amalina Binti Nasari, Azlina Binti Abu Bakar, Sarah Sabiha Binti Roslan, Nor Athika Edora Binti Yusof, Wan Zuraini Binti Wan Abdullah, Nur Amira Binti Roslan** (Malaysia)

11:46 Turkish Society of Pediatric Nephrology – February 6<sup>th</sup> earthquakes disaster management  
Su-3VIP 123 **Sevcan Bakkaloglu, Önder Yavaşcan, Alev Yılmaz, Kaan Gulleroglu, Belde Kasap-Demir, Pelin Ertan, Hakan Poyrazoğlu** (Turkey)

SUNDAY, 1 OCTOBER 2023

11:30–13:00 | ROOM ZETA

DIALYSIS AND TRANSPLANTATION – WORKING GROUP SESSION (cont.)

- 11:54 Evaluation of children with kidney transplantation in terms of chronic kidney disease–mineral bone disorder  
Su-3MVP 124  
**Ayşe Alpay, Zeynep Yuruk Yildirim, Canan Kucukgergin, Fatih Aydın, Bagdagul Aksu, Alev Yılmaz, Ahmet Nayir** (Turkey)
- 11:58 Varicella vaccination: the lasting impact  
Su-3MVP 125  
**Samantha Williamson, Sophie Holland, Katherine Mounsey, Pallavi Yadav** (United Kingdom)
- 12:02 Dried blood spot sampling for therapeutic drug monitoring and assessment of kidney function in children with kidney disease  
Su-3MVP 126  
**Lena Brunkhorst, Björn Bulitta, Miriam Gutting, Dieter Haffner, Nele Kanzelmeyer** (Germany)
- 12:06 Donor-derived cell-free DNA (dd-cfDNA) as a non-invasive biomarker of kidney allograft rejection in pediatric kidney transplantation  
Su-3MVP 127  
**Julien Hogan<sup>1</sup>, Roshan George<sup>2</sup>, Pamela Winterberg<sup>2</sup>, Carissa Hayes<sup>2</sup>, Chris Fan<sup>2</sup>, Margret Kamel<sup>2</sup>, Rouba Garro<sup>2</sup>** (France, <sup>2</sup>USA)
- 12:10 Clinical outcomes and quality of life in children with methylmalonic acidaemia and end-stage kidney disease: a promising future for children with complex conditions  
Su-3MVP 129  
**Colin Higgins, Stephanie Grunewald, Anupam Chakrapani, Vandana Jain, Nigel Heaton, Nicos Kessar, Jelena Stojanovic** (United Kingdom)
- 12:14 Performance of cystatine-base formulas to estimate glomerular filtration rate in pediatric kidney transplant recipients  
Su-3MVP 130  
**Elodie Cheyssac, Chloe Laurent, Julien Hogan** (France)
- 12:18 Recurrence of nephrotic syndrome after paediatric kidney transplantation in Europe: risk factors, treatment and outcome  
Su-3MVP 131  
**Richler Amponsah<sup>1</sup>, Leonie Rensma<sup>1</sup>, Floor Veltkamp<sup>1</sup>, Marina Vivarelli<sup>2</sup>, Burkhard Tonshoff<sup>3</sup>, Antonia Bouts<sup>1</sup>, Working Group Glomerular Diseases and Transplantation<sup>3</sup>, Cooperative European Paediatric Renal Transplant Initiative CERTAIN Research Network<sup>3</sup>** (The Netherlands, <sup>2</sup>Italy, <sup>3</sup>Germany)

SUNDAY, 1 OCTOBER 2023

11:30-13:00 | ROOM ZETA

DIALYSIS AND TRANSPLANTATION – WORKING GROUP SESSION (cont.)

- 12:22 A toxic cause of acute kidney failure can hide another one  
Su-3IMP 132 **Mathilde Grapin, Jean Paul Duong, Marie Bellouard, Pascal Houze, Olivia Boyer**  
(France)
- 12:26 Shiga toxin-mediated hemolytic uremic syndrome in Icelandic children  
Su-3IMP 133 **Vidar Edvardsson, Olafur Petursson, Hjordis Hardardottir, Kristjan Helgason, Valtyr Thors** (Iceland)
- 12:30 Population pharmacokinetics of prednisolone in saliva and plasma in children with first onset steroid-sensitive nephrotic syndrome  
Su-3IMP 134 **Floor Veltkamp, Marcel Pistorius, Elske Mak-Nienhuis, Michiel Schreuder, Antonia Bouts, Ron Mathôt** (The Netherlands)
- 12:34 Menstrual disorders in patients affected by idiopathic nephrotic syndrome  
Su-3IMP 135 **Silvia Bernardi, Paola Castelli, Fabio Paglialonga, Gianluigi Ardissino, Giovanni Montini, William Morello** (Italy)
- 12:38 The DAILY-LUMA study: an exhaustive follow-up cohort of patients with primary hyperoxaluria type I treated with lumasiran in France  
Su-3IMP 136 **Anne-Laure Sellier Leclerc, Melissa Cloarec, Lemoine Sandrine, Flammier Sacha, Bertrand Knebelmann, Claire Dossier, Olivia Boyer, Thomas Stehle, Marie Courbebaisse, Lise Allard, Ilan Szwarc, Sylvie Cloarec, Thierry Frouget, Justine Bacchetta** (France)
- 12:42 Detection of Alport gene variants in children and young people with persistent haematuria  
Su-3IMP 137 **Natasha Su Lynn Ng, Tomohiko Yamamura, Mohan Shenoy, Helen Stuart, Rachel Lennon** (United Kingdom)
- 12:46 Transition to adulthood – mind the gap!  
**Arvind Nagra** (United Kingdom)
- 13:10 Discussion

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

### POSTER SESSION 1A – DIALYSIS

- Fr-P001 Long-term kidney follow-up after pediatric kidney support therapy for children less than 15 kg  
**Ömer Nazım Gülçek, Bora Gulhan, Selman Kesici, Eda Didem Kurt-Sukur, Mutlu Hayran, Fatih Ozaltin, Ali Duzova, Benan Bayrakçı, Rezan Topaloglu** (*Turkey*)
- Fr-P002 Therapeutic plasma exchange for pediatric renal and nonrenal disease indications and outcomes: over 30-year, single center experience  
**Carlota Fernández Cambor, Diego Morante Martinez, Manuel Vaqueiro Graña, Alejandro Zarauza Santoveña, Juan Bravo Feito, Angel Alonso Melgar, Maria Paz González Pérez, Natalia Perea Dominguez, Maria Aparicio López** (*Spain*)
- Fr-P003 The changing trends in pediatric renal replacement therapy - a 40-year follow-up of the Polish Registry of Renal Replacement Therapy in Children.  
**Ilona Zagodzón, Rubik Jacek, Justyna Lesiak, Maria Szczepańska, Katarzyna Zachwieja, Anna Musielak, Anna Jander, Beata Leszczyńska, Irena Makulska, Beata Bieniaś, Hanna Adamkiewicz - Kipigroch, Katarzyna Taranta, Katarzyna Niwińska, Aleksandra Żurowska** (*Poland*)
- Fr-P004 The use of renal replacement therapy worsens outcome in children with acute kidney injury after hematopoietic stem cell transplantation  
**Katarzyna Gąsowska, Katarzyna Zachwieja, Jolanta Goździk, Aleksandra Krasowska-Kwiecień, Monika Miklaszewska, Dorota Drożdż** (*Poland*)
- Fr-P005 Evaluating cardiovascular findings in children receiving haemodialysis using arteriovenous fistula for management of end stage kidney disease  
**Michelle Themalil, Colin Higgins, Manish D. Sinha** (*United Kingdom*)
- Fr-P006 A retrospective study of acute and chronic peritoneal dialysis: a single-center experience  
**Maria Mila, Andreas Kourkounakis, Argyroula Zampetoglou, Paraskevi Tzara, Maria Kourkounaki** (*Greece*)
- Fr-P008 Budd Chiari syndrome: a rare complication of tunneled hemodialysis catheter  
**Wafaa AlDhaheri, Zubaida Al Ismaili, Areej Al Chamdi, Eslam Tawfik, Hanan AlHadhrami, Ella Beyyumi** (*United Arab Emirates*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P009 Quality of life of children with end stage renal disease undergoing hemodialysis  
**Daoud Hana, Selsabil Nouir, Mabrouk Sameh, El Hannachi Safa, Majdoub Fadwa, Ajmi Houda, Abroug Saoussen, Chemli Jalel** (*Tunisia*)
- Fr-P010 Typical hemolytic uremic syndrome in children: clinical presentations and short-term outcomes  
**Gyte Donielaite, Zina Dovilyte, Antanas Naujokaitis, Jurate Masalskiene, Sarunas Rudaitis, Diana Dobiliene** (*Lithuania*)
- Fr-P011 First vascular access in children performing hemodialysis  
**Sofia Ventura, Luis Salazar, Sofia Poço Miranda, Bebiana Sousa, Teresa Costa, Maria Sameiro Faria, Conceição Mota** (*Portugal*)
- Fr-P012 Leclercia adecarboxylata in peritoneal dialysis patients: a systematic review  
**John Dotis, Antonia Kondou, Vasiliki Karava, Georgia Sotiriou, Athina Papadopoulou, Charalambos Zarras, Chrysi Michailidou, Eleni Vagdatli, Konstantinos Pavlogiannis, Nikoleta Printza** (*Greece*)
- Fr-P013 Severe acute kidney injury caused by paroxysmal cold haemoglobinuria: a case report  
**Konstantinos Pavlogiannis, John Dotis, Antonia Kondou, Despina Adamidou, Georgios Liapis, Elpidoforos Mantadakis, Dimitrios Zafeiriou, Marina Economou, Nikoleta Printza** (*Greece*)
- Fr-P014 The impact of COVID-19 in children undergoing chronic hemodialysis: a single-center experience  
**Argyroula Zampetoglou, Evaggelia Gole, Varvara Askiti, Maria Mila, Georgia Malakasioti, Andromachi Mitsioni** (*Greece*)
- Fr-P015 Second home. Almost 40 years of dialysis at the same dialysis station  
**Katarzyna Gąsowska, Jacek Pietrzyk, Katarzyna Zachwieja, Monika Miklaszewska, Agnieszka Jaskólska, Dorota Drożdż** (*Poland*)
- Fr-P016 Pleural effusion complicating acute peritoneal dialysis in Shiga toxin producing *E. coli* hemolytic uremic-children  
**Lorenzo Biscardi<sup>1</sup>, Claudio La Scola<sup>1</sup>, Doaa Al Qaoud<sup>2</sup>, Roberto Pillon<sup>1</sup>, Irene Alberici<sup>1</sup>, Andrea Pasini<sup>1</sup>** (*<sup>1</sup>Italy, <sup>2</sup>Jordan*)
- Fr-P017 Encapsulating Peritoneal sclerosis: a pediatric case report  
**Mokni hajer, Mabrouk Sameh, Mani Salma, Laamiri Rachida, Selsabil Nouir, Majdoub Fadwa, Ajmi Houda, Abroug Saoussen, Chemli Jalel, Belghuith Mohsen** (*Tunisia*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 018 Extragonadal yolk sac tumor of the pelvic region in a 9-month-old boy: a case report and treatment challenges  
**Vaiva Joneliūnaitė, Sigita Stankevičienė, Rimante Cerkauskiene, Danguolė Ruževičienė, Virginija Žilinskaitė (Lithuania)**
- Fr-P 019 Impact of therapeutic Patient education on knowledge's and attitudes of hemodialysis children  
**Daoud Hana, Selsabil Nour, Mabrouk Sameh, Mokni Hajer, Majdoub Fadwa, Ajmi Houda, Abroug Saoussen, Chemli Jalel (Tunisia)**
- Fr-P 020 Tenckhoff catheter dysfunction in children on chronic peritoneal dialysis: a single center experience  
**Mabrouk Sameh, Selsabil Nour, Mokni Hajer, Ajmi Houda, Majdoub Fadwa, Abroug Saoussen, Chemli Jalel (Tunisia)**

### POSTER SESSION 1B – CKD

- Fr-P 022 Response to rhGH treatment in children with autosomal recessive polycystic kidney disease  
**Beata Leszczynska, Maria Daniel, Anna Deja, Małgorzata Panczyk-Tomaszewska (Poland)**
- Fr-P 023 Routine blood pressure measurements in children in primary care setting: are we doing it right? A parental survey  
**Kamilė Čeponytė, Karolis Ažukaitis, Augustina Jankauskiene (Lithuania)**
- Fr-P 024 Urinary Beta2 microglobulin as biomarker of renal function in neonates admitted to NICU  
**Francesca Sofia Grassi, Silvia Consolo, Fabio Paglialonga, Giuseppe Puccio, Marta Colombo, Maria Beatrice Marangoni, Gabriella Araimo, Fabio Mosca, Giovanni Montini (Italy)**
- Fr-P 025 Real-world evidence of lisinopril in pediatric hypertension and nephroprotective management: a 10-year cohort study  
**Eva Degraeuwe, Ann Raes, Elke Gasthuys, Evelien Snauwaert, Lien Dossche, Agnieszka Prytula, Joke Dehoorne, An Vermeulen, Johan Vande Walle (Belgium)**



## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 026 Idiopathic nephrotic syndrome in children before and during COVID-19 pandemic: a single-center retrospective study  
**Despoina Tramma, Paraskevi Panagopoulou, Nikolaos Gkiourtzis, Agni Glava, Theopisti Vasileiadou, Aristeidis Christakopoulos, Sotirios Kofkalis, Maria Moutafi, Theodora Delaporta, Kyriaki Papadopoulou-Legbelou** (*Greece*)
- Fr-P 027 Evaluation of SARS-CoV-2 seroprevalence before and after the COVID-19 vaccine period in children with chronic kidney diseases  
**Bedirhan Satici, Elif Comak, Gulsah Kaya Aksoy, Mustafa Koyun, Özlem Koyuncu Özyurt, Gözde Öngüt, Derya Mutlu, Sema Akman** (*Turkey*)
- Fr-P 029 Effect on blood pressure and cardiovascular risk (CVR) factors in pediatric patients during COVID-19 pandemic confinement (COBECOR study)  
**Elena Codina Sampera<sup>1</sup>, Pedro Arango Sancho<sup>1</sup>, Ana Cristina Aguilar Rodríguez<sup>1</sup>, Marta Jiménez Moreno<sup>1</sup>, Bernat Gomez Herrera<sup>1</sup>, Yolanda Calzada Baños<sup>1</sup>, Raquel Jiménez García<sup>1</sup>, Verónica Coll Brito<sup>1</sup>, Osmar David González Osorio<sup>2</sup>, Álvaro Madrid Aris<sup>1</sup>** (*Spain, <sup>2</sup>Chile*)
- Fr-P 030 Vedolizumab induced interstitial nephritis in a child with very early onset inflammatory bowel disease: a case report  
**Eva Svabova, Radim Vyhnanek, Lucie Gonsorcikova, Pavel Dvorak, Jakub Zieg** (*Czech Republic*)
- Fr-P 031 Factors associated with fatigue in children with chronic renal failure  
**Özgür Özdemir-Şimşek, Gamze Yurttaş Depboylu, Gökçen Erfidan, Cemaliye Başaran, Seçil Arslansoyu-Çamlar, Demet Alaygut, Fatma Mutlubaş, Belde Kasap-Demir** (*Turkey*)
- Fr-P 032 Retrospective analysis of a pediatric tuberous sclerosis population  
**Sofia Todero, Roberto Pillon, Claudio La Scola, Laura Anile, Lorenzo Biscardi, Irene Alberici, Andrea Pasini** (*Italy*)
- Fr-P 033 The association of serum neutrophil gelatinase-associated lipocalin and cystatin-c with blood pressure in ex-preterm children and adolescents  
**Athanasia Chainoglou, Kosmas Sarafidis, Anna Taparkou, Evangelia Farmaki, Katerina Chrysaïdou, Dimos Gidaris, Konstantinos Kollios, Vasilios Kotsis, Stella Stabouli** (*Greece*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 034 Burden, distress, quality of life and coping styles in caregivers of children with chronic kidney disease in different stages  
**Bhoomika Ishran, Rajni Sharma, H S Kohli, Lesa Dawman, Raja Ramachandran, Krishan Kumar, Sunil Kushwah, Karalanglin Tiewsoh** (*India*)
- Fr-P 035 Psychosocial aspects among children with chronic kidney disease!  
**Bhoomika Ishran, Rajni Sharma, Lesa Dawman, H.S. Kohli, Karalanglin Tiewson, Krishan Soni, Raja Ramachandran** (*India*)
- Fr-P 036 The relationship between serum copeptin levels and peritoneal transport parameters and bioimpedance markers in pediatric patients under peritoneal dialysis  
**Burak Utuk, Neslihan Çiçek, Ibrahim Gökçe, Harika Alpay** (*Turkey*)
- Fr-P 037 Fibroblast growth-factor 23 - Klotho axis, myokine profile and systemic inflammation in children with chronic kidney disease  
**Vasiliki Karava, Antonia Kondou, John Dotis, Anna Taparkou, Evangelia Farmaki, Konstantinos Kollios, Nikoleta Printza** (*Greece*)
- Fr-P 038 Tubulointerstitial nephritis and uveitis syndrome: case series  
**Nilüfer Göknaç, Ibrahim Gökçe, Esra Karabag Yilmaz, Emre Keleşoğlu, Kübra Yılmaz, Fehim Esen, Diana Uçkardeş, Şeyma Özkanlı, Cengiz Candan** (*Turkey*)
- Fr-P 039 Chronic kidney disease after pediatric hematopoietic stem cell transplantation a single center study  
**Inbal Cotzer, Efrat Hosrshi, Daniella Levy Erez** (*Israel*)

## POSTER SESSION IC – ÇAKUT

- Fr-P 040 Clinical and radiological predictors of posterior urethral valves in boys after the neonatal period  
**Pierluigi Marzuillo, Maria Paola Belfiore, Anna Di Sessa, Giovanni Torino, Agnese Roberti, Maria Luisa Balzano, Alfonso Reginelli, Salvatore Cappabianca, Emanuele Miraglia del Giudice, Angela La Manna, Stefano Guarino, Giovanni Di Iorio** (*Italy*)
- Fr-P 041 Development of steroid-resistant nephrotic syndrome in a child with renal hypodysplasia/aplasia, type 3  
**Daria Mikhalkova, Natalia Zaikova, Vladimir Dlin, Anna Smirnova** (*Russia*)
- Fr-P 042 Genotype- phenotype association and outcomes of children with WT1 variants: a single center experience  
**Georgia Malakasioti, Varvara Askiti, Maria Mila, Argiroula Zampetoglou, Evangelia Gole, Andromachi Mitsioni** (*Greece*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 043 Prevalence of symptoms and signs of kidney diseases in children during the Covid 19 pandemic  
Matjaž Kopač, Lucija Tolar (Slovenia)
- Fr-P 044 Uropathogens and antimicrobial resistance in infants hospitalized with a first febrile urinary tract infection  
Gizem Gülden Altınkaynak, Hicran Altın, Atiye Nil Palancı Sakarya, Muhammet Köşker, Gülperi Timurtaş Dayar, Çağla Serpil Doğan (Turkey)
- Fr-P 045 The impact of urinary tract malformation on bacterial flora and its antibiotic resistance in children with inpatient urinary tract infections  
Marcin Tkaczyk, Małgorzata Stańczyk, Agnieszka Seraficka (Poland)
- Fr-P 046 Congenital kidney diseases in children are the most common reason of chronic kidney diseases  
Valbona Stavileci, Agon Kumnova, Aida Kumnova (Kosovo)
- Fr-P 047 DACT1 and TSHZ3 are mutated in patients with congenital anomalies of the kidney and urinary tract  
Esra Kesdiren<sup>1</sup>, Anne Christians<sup>1</sup>, Helge Martens<sup>1</sup>, Frank Brand<sup>1</sup>, Lina Werfel<sup>1</sup>, Mark-Oliver Trowe<sup>1</sup>, Alejandro Hofmann<sup>1</sup>, Matthias Zirngibl<sup>1</sup>, Anna Bjerre<sup>2</sup>, Tomas Seeman<sup>3</sup>, Velibor Tasic<sup>4</sup>, Jan Bräsen<sup>1</sup>, Andreas Kispert<sup>1</sup>, Dieter Haffner<sup>1</sup>, Ruthild G. Weber<sup>1</sup> (<sup>1</sup>Germany, <sup>2</sup>Norway, <sup>3</sup>Czech Republic, <sup>4</sup>Macedonia)
- Fr-P 048 Posterior urethral valve from the Malaysia's perspective: a 24 years experience in major combined nephrology-urology referral centre in Malaysia  
Wen Chiam Gan, Yok Chin Yap, Kian Mun Viaw, Mirunalini Appadurai, Poongkodi Nagappan, Susan Woo (Malaysia)
- Fr-P 049 Prevalence of urinary tract infection pathogens in children and antimicrobial susceptibility and resistance patterns  
Ieva Mikulytė, Indrė Murmokaitė, Rūta Ambrazaitienė, Silvija Kiverytė, Augustina Jankauskienė (Lithuania)
- Fr-P 050 Mercaptoacetyltriglycine-3 diuretic renography in the detection of obstructive nephropathy: how much has our practice changed during the last decade?  
Despoina Tramma, Nikolaos Gkiourtzis, Agni Glava, Sotirios Kofkelis, Aristeidis Christakopoulos, Theopisti Vasileiadou, Maria Moutafi, Theodora Delaporta, Panagiotis Chatzidakos, Domenica Lopresti, Georgios Arsos (Greece)
- Fr-P 051 Evaluation of children with a diagnosis of bladder  
Özgür Özdemir-Şimşek, Gökçen Erfidan, Sibel Tiryaki, Seçil Arslansoyu-Çamlar, Fatma Mutlubaş, Belde Kasap-Demir, Demet Alaygut (Turkey)



## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 052 Complicated urinary tract infection in children  
**Aleksandra Paripović, Jovana Putnik, Nataša Stajić** (*Serbia*)
- Fr-P 053 Evaluation of the clinical and the risk factors of congenital anomalies of kidney and urinary tract in children  
**Hülya Gözde Önal, Hülya Nalçacıoğlu, Demet Tekcan Karali** (*Turkey*)
- Fr-P 054 Antibiotics susceptibility to the causative microorganisms of urinary tract infection in childhood; a following results after 10 years in a single center  
**Tae Sun Ha, Erika Imura** (*South Korea*)
- Fr-P 056 Estimating solitary functioning kidney (SFK) length by age or height: a comparative study  
**Vaiva Cenkute, Dovile Ruzgiene, Andrius Čekuolis, Rasa Augustiniene, Renata Vitkevič, Rimante Cerkauskienė, Augustina Jankauskienė, Karolis Ažukaitis** (*Lithuania*)
- Fr-P 057 Acute kidney injury in the first 3 years of life – a 10-year retrospective study  
**Luis Salazar, Susete Vieira, Cláudia Correia, Liliãna Rocha, Paula Matos** (*Portugal*)
- Fr-P 058 Evaluation of kidney functions in operated meningomyelocella patients  
**Fatih Ünlü, Hatice Gamze Poyrazoğlu, Aslihan Kara, Selda Telo** (*Turkey*)

### POSTER SESSION ID – TRANSPLANTATION

- Fr-P 059 Towards home-monitoring with capillary microsampling and mHealth of solid organ transplanted adolescents and young adults – a pilot study.  
**Ingvild Kindem, Anders Åsberg, Karsten Midtvedt, Anna Bjerre** (*Norway*)
- Fr-P 060 Epstein-Barr virus anterior uveitis in a paediatric kidney transplant recipient  
**Colin Higgins, Harry Petrushkin, Ameenat L. Solebo, William Moore, Sheila Boyle, Zainab Arslan, Jelena Stojanovic, Judith Breue, Stephen D. Marks** (*United Kingdom*)
- Fr-P 061 Are hemodynamic values related to renal-injury biomarker excretion in pediatric kidney transplantation?  
**Marieke Voet, Dirk van Lier, Joris Lemson, Alex Zarbock, Marlies Cornelissen, Peter Pickkers** (*The Netherlands*)

## **FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS**

- Fr-P 062** Association between tacrolimus variability and development of donor-specific antibodies in pediatric kidney transplantation  
**Jose Angel Caballero Gil, Silvia Ojea Varona, Julia Fijo López-Viota, Rafael Bedoya Pérez, Ana Sánchez Moreno, Francisco De La Cerda Ojeda** (*Spain*)
- Fr-P 063** Post-transplant recurrence and graft loss in genetic vs. non genetic steroid resistant nephrotic syndrome: the case of variants of uncertain significance  
**Carolina Bigatti, Andrea Angeletti, Francesca Lugani, Enrico Eugenio Verrina, Gian Marco Ghiggeri, Maurizio Bruschi, Gianluca Caridi** (*Italy*)
- Fr-P 064** Dental status and treatment of disorders in children on dialysis and after kidney transplantation  
**Alesia Zhylevich, Sergey Baikov, Natallia Shakavets** (*Belarus*)
- Fr-P 065** Adult self-reported quality of life after pediatric kidney transplantation  
**Julia Fijo Lopez-Viota, Ana Sanchez Moreno, Rafael Bedoya Perez, David Canalejo Gonzalez, Angela Garcia Rojas, Francisco De la Cerda Ojeda** (*Spain*)
- Fr-P 066** Paediatric renal dietetic input post renal transplant: a survey of UK paediatric renal dietitians  
**Triona Joyce, Tara Hall, Louise Kipping, Grainne Walsh, Joanna Clothier, Nick Ware, Helen Jones** (*United Kingdom*)
- Fr-P 067** Investigating outcomes in the use of increased risk donor organs in paediatric solid-organ transplantation: a systematic review  
**Sruthi Kallath, Maya Banerjee, Aarif Ali, Stephen Marks** (*United Kingdom*)
- Fr-P 068** Increased kidney allograft fibrosis in patients with methylmalonic aciduria: a case control study  
**Samantha Innocenti, Claire Tassin, Anaïs Brassier, Florence Lacaille, Manuel Schiff, Olivia Boyer, Julien Hogan, Jean Paul Duong, Marion Rabant, Laurène Dehoux** (*France*)
- Fr-P 069** Efficacy and safety of chronic antibody-mediated kidney allograft rejection treatment: experience from a single center in Northern Italy  
**Marco Cazzaniga, Sara Testa, Olga Caporale, Maria Viganoni, Viviana Sioli, Alessia Comino, Giovanni Montini** (*Italy*)
- Fr-P 070** Ravulizumab “de novo” in pediatric patients with atypical hemolytic uremic syndrome (aHUS): first worldwide cases  
**Pedro Arango Sancho, Ana Cristina Aguilar Rodríguez, Osmar David González Osorio, Bernat Gomez Herrera, Marta Jiménez Moreno, Elena Codina Sampera, Raquel Jiménez García, Yolanda Calzada Baños, Verónica Coll Brito, Álvaro Madrid Aris** (*Spain*)



## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 071 Cytopenias in pediatric kidney transplant recipients: preceding factors and clinical consequences  
**Shira Regev Sadeh, Yael Borovitz, Orna Steinberg Shemer, Oded Gilad, Shoval Shoham, Joanne Yacovich** (*Israel*)
- Fr-P 072 Systematic digital assessment of patient-reported outcomes during follow-up of pediatric kidney transplant recipients: a pilot study  
**Fabian Eibensteiner, Rebecca Schaup, Valentin Ritschl, Lukas Kaltenecker, Axana Selzer, Georg Dorffner, Tanja Stamm, Eva Schaden, Thomas Mueller-Sacherer, Kristzina Heindl-Rusai, Christoph Aufrecht, Michael Boehm** (*Austria*)
- Fr-P 073 Daratumumab in post-transplant recurrence of SRNS  
**Claire Dossier, Lise Allard, Elodie Merieau, Jean-Daniel Delbet, Theresa Kwon, Julien Hogan** (*France*)
- Fr-P 074 Hyperparathyroidism after kidney transplantation in children  
**Hee Gyung Kang, Peong Gang Park, Yo Han Ahn** (*South Korea*)
- Fr-P 075 First report on the use of a human rectus sheath fascia to aid abdominal closure following combined liver and kidney transplant in a complex metabolic patient  
**Alicia Paessler, Miriam Cortes-Cerisuelo, Wayel Jassem, Hector Vilca-Melendez, Akash Deep, Vandana Jain, Andrew Pool, Stephanie Grunewald, Judith van der Voort, Nicos Kessarlis, Jelena Stojanovic** (*United Kingdom*)
- Fr-P 076 Successful sequential haploidentical maternal haematopoietic stem cell and kidney transplantation for Schimke immune-osseous dysplasia  
**Camille Laroche, Iona Madden, Wesley Hayes, Giovanna Lucchini, Stephen Marks** (*United Kingdom*)
- Fr-P 077 Pediatric kidney transplant and its cardiometabolic impact - A 15-year cohort study  
**Luis Salazar, Bebiana Sousa, Sofia Poço Miranda, Sofia Ventura, Sara Mosca, Liane Correia-Costa, Ana Teixeira, Teresa Costa, Maria Sameiro Faria, Conceição Mota, Alberto Caldas Afonso** (*Portugal*)
- Fr-P 078 Tissue expression of angiotensin type I receptor, endothelin type A receptor and two adhesion molecules of their downstream signaling, in protocol biopsies of pediatric kidney transplant patients  
**Benedetta Antonello, Susanna Negrisolo, Andrea Carraro, Diana Marzenta, Marta Vadori, Elisa Cuciz, Emanuele Vianello, José Igeno, Enrico Vidal, Emanuele Cozzi, Elisa Benetti** (*Italy*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

### POSTER SESSION 1E – GLOMERULAR DISORDERS

- Fr-P 079 Steroid-resistant nephrotic syndrome with mutation in *tensin2* gene  
**Sylva Skálová, Marie Kopecká, Tomáš Filipský, Miroslav Podhola, Martin Bezdíčka**  
*(Czech Republic)*
- Fr-P 080 Comparison of three proteinuria measurements for nephrotic syndrome in children: based on International Pediatric Nephrology Association Guideline 2022  
**Cahyani Gita Ambarsari<sup>1,2</sup>, Dwi Ambar Prihatining Utami<sup>1</sup>, Chika Carnation Tandri<sup>1</sup>, Hindra Irawan Satari<sup>1</sup>** (*Indonesia, <sup>2</sup>United Kingdom*)
- Fr-P 081 Annexin-5 level in children with chronic kidney diseases  
**Aksana Kandratsenka, Ina Kazyra, Hanna Bialkevich** (*Belarus*)
- Fr-P 082 NPHS1 and NPHS2 mutations in children with nephrotic syndrome  
**Aksana Kandratsenka, Hanna Bialkevich, Ina Kazyra, Natallia Nikitchenko, Hanna Yatskiu, Roza Goncharova** (*Belarus*)
- Fr-P 083 A case presentation of a child with nephrotic syndrome and common variable immunodeficiency  
**Ganna Zvenigorodska, Galina Guminska, Tetyana Stepankevich, Oksana Tykholaz, Anastasiia Bondarenko** (*Ukraine*)
- Fr-P 084 Epidemiology, morphology and outcomes of nephrotic syndrome in children  
**Sergey Baiko, Tatiana Letkovskaya, Natallia Tur, Albina Klimovich** (*Belarus*)
- Fr-P 085 Need for next-generation sequencing rather than sanger sequencing for SRNS in a setting with constrained resources  
**Lakhinana Kalipratap, Anit Kaur, Ritambara Nada, Lesa Dawman, Amit Rawat, Anupriya Kaur, Karalanglin Tiewsoh** (*India*)
- Fr-P 086 An unusual cause of diarrhea in a child with nephrotic syndrome  
**Demet Baltu, Eda Didem Kurt-Sukur, Ersin Gümüş, Tugba Tastemel Öztürk, Yasin Maruf Ergen, Duygu Demirtaş, Bora Gülhan, Fatih Ozaltin, Diclehan Orhan, Hasan Özen, Ali Duzova** (*Turkey*)
- Fr-P 087 Cardiovascular evaluation of FMF patients  
**Belde Kasap-Demir, Gökçen Erfidan, Tilay Demircan, Özgür Özdemir-Şimşek, Cemaliye Başaran, Seçil Arslansoyu-Çamlar, Demet Alaygut, Fatma Mutlubaş** (*Turkey*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 088 Population-level long-term outcome analysis of childhood-onset idiopathic nephrotic syndrome: Findings from a health insurance database  
**Giulia Bassanese, Hanna Tillmanns, Hendrik Dräther, Franz Schaefer** (*Germany*)
- Fr-P 089 ANCA associated vasculitis accompanied by anterior mediastinal mass: in insightful case report of a 15-year-old girl  
**Jana Ivančić, Maja Ban, Ivanka Kos, Hana Matkovic, Masa Davidovic, Miram Pasini, Stela Bulimbašić, Lovro Lamot, Kristina Vrljicak** (*Croatia*)
- Fr-P 090 Analysis and study on features and prognosis of nephrotic syndrome in children's new clinic (Tbilisi, Georgia)  
**Ekaterine Gaprindashvili, Ketevan Kvatadze, Salome Kavsadze** (*Georgia*)
- Fr-P 091 Nephropathy in a child with a frameshift mutation on the COL7A1 gene: a case report  
**Cahyani Gita Ambarsari, Fira Alyssa Gabriella Sinuraya, Retno Palupi-Baroto, Elvi Suryati, Ety Widyastuti, Suci Widhiati** (*Indonesia*)
- Fr-P 092 Genetic spectrum of childhood onset steroid resistant nephrotic syndrome in Kazakhstan  
**Marina Khvan, Banu Batyrova, Nazym Nigmatullina, Nagima Musabekova, Saltanat Rakhimzhanova, Samat Issakov** (*Kazakhstan*)
- Fr-P 093 Mirage syndrome with isolated nephrotic-range proteinuria and minimal change disease: description of the first case  
**Silvia Bernardi, Antonio Mastrangelo, Paola Castelli, Emanuela Nebuloni, Alessandro Del Gobbo, Federica Vianello, Davide Marazza, Giovanni Montini, William Morello** (*Italy*)
- Fr-P 094 CRB2 - associated FSGS and congenital cerebral ventriculomegaly  
**Varvara Obukhova, Oksana Piruzieva, Sergey Morozov, Vladimir Dlin** (*Russia*)
- Fr-P 095 Comparison of urinary transferrin levels and resultant iron deficiency anemia in steroid resistant nephrotic syndrome and steroid sensitive nephrotic syndrome  
**Ihina Tinna, Amit Rawat, Lesa Dawman, Prateek Bhatia, Karalnglin Tiewsoh** (*India*)
- Fr-P 096 Gelsoline, adipsin and taurine levels in plasma and urine as an early indicator of diabetic nephropathy in children with type 1 diabetes mellitus  
**Arzu Kayaduman, Aslihan Kara, Süleyman Aydin, Ihsan Esen** (*Turkey*)
- Fr-P 097 Vitamin C deficiency is associated with increased neutrophil extracellular trap formation in juvenile lupus nephritis  
**Pornpimol Rianthavorn, Chanunya Santiworakul, Wilasinee Saisorn, Nuanpan Siripen, Asada Leelahavanichkul** (*Thailand*)



## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

### POSTER SESSION 1F – GLOMERULAR DISORDERS

- Fr-P 098 Inflammatory and immunological biomarkers in lupus nephritis  
**Chiara de Mutiis<sup>1</sup>, Kjell Tullus<sup>2</sup>, International Study Group in Lupus Nephritis** (*Italy, <sup>2</sup>United Kingdom*)
- Fr-P 099 Two year outcome of renal lupus  
**Chiara de Mutiis<sup>1</sup>, Kjell Tullus<sup>2</sup>, International Study Group for Lupus Nephritis** (*Italy, <sup>2</sup>United Kingdom*)
- Fr-P 100 Clinical course and outcome of three ANCA and anti-GBM positive teenage patients  
**Bogna Niwinska-Faryna, Peter Barany, Milan Chromek** (*Sweden*)
- Fr-P 101 Use of rituximab in glomerular pathology in children  
**Yelizaveta Lagodych, Dmytro Ivanov, Liudmila Vakulenko, Iryna Zavalna, Iryna Melnyk** (*Ukraine*)
- Fr-P 102 The study of the course and outcome of lupus nephritis in children  
**Aksana Kandratsenka, Ina Kazyra, Hanna Bialkevich, Mohammad Naief** (*Belarus*)
- Fr-P 103 When nephrotic syndrome is not what it seems  
**Ana Roche Gómez, Sergio Foullerat Cañada, Marina Alonso Riaño, Carmen Gallego, Jaime Mejías Bielsa, Mar Espino Hernández, Ana Alvarez Cabrerizo** (*Spain*)
- Fr-P 104 Use of renal biopsy in the diagnosis and management of paediatric lupus nephritis with analysis of outcomes at 6 and 12 months in a UK tertiary centre  
**Thomas Reilly, Joseph Hardwick, Jessica Presky, Kay Tyerman, Tania Amin** (*United Kingdom*)
- Fr-P 105 Newly diagnosed nephritis in children following COVID-19 vaccination  
**Jia Ying Celeste Yap, Yong Hong Ng, Fan Wang, Huimin Esther Leow** (*Singapore*)
- Fr-P 106 Rituximab and mycophenolate mofetil for treatment of Goodpasture syndrome: a bicentric retrospective study  
**Richard Klaus, Nele Kanzelmeyer, Dieter Haffner, Bärbel Lange-Sperandio** (*Germany*)
- Fr-P 107 Autoimmune lymphoproliferative syndrome under the mask of granulomatosis with polyangiitis  
**Marina Aksenova, Oxana Shvez, Anna Muchina, Ulya Rodina, Anna Kozlova, Anna Scherbina, Alexey Maschan** (*Russia*)

**FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS**

- Fr-P 108 Relapse of nephrotic syndrome following COVID-19 vaccination  
**Asiri Abeyagunawardena, Anjalee Gunathunga, Shenal Thalagahagoda, Supun Manathunga, Shamali Abeyagunawardena** (*Sri Lanka*)
- Fr-P 109 Clinical progress and prognosis in C3 glomerulopathy  
**Neslihan Çiçek, Ibrahim Gökçe, Ece Demirci Bodur, Sercin Guven, Mehtap Kaya, Serim Pul, Özde Nisa Türkkan, Nurdan Yildiz, Harika Alpay** (*Turkey*)
- Fr-P 110 SARS-CoV-2 infection and anti-glomerular basement disease: a case report  
**Bagdagul Aksu, Nuran Kucuk, Zeynep Yuruk Yildirim, Yasemin Ozluk, Ozge Hurdogan, Alev Yilmaz** (*Turkey*)
- Fr-P 111 IgM nephropathy: clinical manifestations and pathological findings  
**Sergey Baiko, Viktoria Savosh, Natallia Tur, Hanna Barysevich, Katsiarina Hrybok** (*Belarus*)
- Fr-P 112 Humoral and cellular immune response to SARS-CoV-2 vaccine (BTN162b2) in children with systemic lupus erythematosus and difficult-to-treat nephrotic syndrome  
**Esra Karabag Yilmaz, Ayse Agbas, Dogukan Ozbey, Nur Canpolat, Aybuke Gunalp, Zeynep Yildirim, Ruveyda Gulmez, Seha Saygili, Sezgin Sahin, Ozgur Kasapcopur, Bekir Kocazeybek, Salim Caliskan** (*Turkey*)
- Fr-P 113 COPA syndrome - a potential underdiagnosed differential diagnosis of MPO ANCA positive vasculitis in children - a case report with successful maintenance treatment with mycophenolate mofetil  
**Katharina Rohner, Seraina Palmer Sarott, Valerie Luyckx, Daniela Herdliczko** (*Switzerland*)
- Fr-P 114 Pediatric double positive anti-glomerular basement membrane antibody and anti-neutrophil cytoplasmic antibody glomerulonephritis: a case report  
**Nadia Ech-Charii, Soukaina Essadiqi, Nabial Chekhlabi, Nouzha Dini** (*Morocco*)
- Fr-P 115 Humoral response after SARS-CoV2 vaccination in children with idiopathic nephrotic syndrome  
**Paola Castelli, William Morello, Giuseppe Puccio, Jessica Serafinelli, Federica Vianello, Ferruccio Ceriotti, Silvia Bernardi, Chiara Tamburello, Teresa Nittoli, Alberto Edefonti, Giovanni Montini** (*Italy*)
- Fr-P 116 A case of progressing to end-stage kidney disease with exacerbation of IgA nephropathy after COVID-19 infection  
**Esra Karabag Yilmaz, Seha Saygili, Ayse Agbas, Ruveyda Gulmez, Gulustan Musayeva, Yasemin Ozluk, Nur Canpolat** (*Turkey*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

### POSTER SESSION IG – INHERITED KIDNEY DISORDERS

- Fr-P117 Renal involvement in patients with Charcot-Marie-Tooth disease  
**Maria Herrero Goñi, Mireia Aguirre Meñica, Nelida Garcia Perez, Leire Condra Sangroniz, Leyre Madariaga Dominguez, Isabel Llano Rivas, Maria Jesus Garcia Barcina** (*Spain*)
- Fr-P118 Characteristics, outcome and follow up of children with renal cysts: results from a single tertiary referral centre in Croatia  
**Sara Grlić, Viktorija Gregurovic, Mislav Martinić, Ivan Jakopcic, Hana Matkovic, Maja Ban, Masa Davidovic, Ivanka Kos, Kristina Vrljicak, Lovro Lamot** (*Croatia*)
- Fr-P119 Two new families with Rragd gene tubulopathy, characterized by severe hypomagnesemia and dilated cardiomyopathy  
**Leire Condra Sangroniz, Gema Ariceta, Manel Perello, Edoardo Melilli, Pedro Arango, Sara Chocron, Alejandro Garcia Castaño, Sara Gomez Conde, Leire Madariaga, Maria Herrero Goñi, Mireia Aguirre Meñica, Nelida Garcia Perez, Renaltube Group** (*Spain*)
- Fr-P120 Comparative analysis of renal involvement in children with oculocerebrorenal syndrome of Lowe and Dent disease type 2  
**Svetlana Papizh, Tatyana Nikishina, Tatyana Lepaeva, Natalia Zaikova, Marina Shumikhina, Larisa Prikhodina** (*Russia*)
- Fr-P121 Extrarenal involvement in children with oculocerebrorenal syndrome of Lowe and Dent disease type 2  
**Svetlana Papizh, Tatyana Nikishina, Tatyana Lepaeva, Natalia Zaikova, Marina Shumikhina, Larisa Prikhodina** (*Russia*)
- Fr-P122 Efficacy of angiotensin-converting enzyme inhibitors in children with oculocerebrorenal syndrome of Lowe  
**Svetlana Papizh, Larisa Prikhodina, Tatyana Nikishina, Tatyana Lepaeva, Varvara Obukhova** (*Russia*)
- Fr-P123 HNF4A mutation: neonatal hyperinsulinism and/or late-onset diabetes associated with rare autosomal dominant Fanconi syndrome  
**Héctor Ríos Duro, Anabel Escolano Burgos, María Clemente León, Belén Pérez Dueñas, Leire Condra Sangroniz, Leire Madariaga Domínguez, Alejandro García Castaño, Carmen Larramendi Hernández, Alejandro Cruz Gual, Víctor Pérez Beltrán, Mercedes López González, Saskia Natali Agámez Luengas, Sara Chocrón de Benzaquen, Gloria María Fraga Rodríguez, Gema Ariceta Iraola** (*Spain*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 124 Advantages of genetic testing in patients with a chronic subnephrotic proteinuria – preventing unnecessary diagnostic and therapeutic interventions. Novel identification of a mutation in CUBN genes  
**Magdalena Błasiak, Monika Miklaszewska, Ewelina Preizner-Rzucidło, Karina Madej – Świątkowska, Dorota Drozd** (*Poland*)
- Fr-P 125 Intrafamilial heterogeneity and impact of family screening in primary hyperoxaluria type 1  
**Lisa Deesker<sup>1</sup>, Hazal Karacaban<sup>1</sup>, Elisabeth Metry<sup>1</sup>, Giorgia Mandrile<sup>2</sup>, Jaap Groothoff<sup>1</sup>, Bodo Beck<sup>3</sup>** (*The Netherlands, <sup>2</sup>Italy, <sup>3</sup>Germany*)
- Fr-P 126 Long-term outcomes in Denys Drash syndrome: a national cohort study  
**Mathilde Glenisson, Mathilde Grapin, Manon Aurelle, Julien Hogan, Gwenaëlle Roussey, Marc Fila, Isabelle Vrillon, Robert Novo, Antoine Mouche, Caroline Rousset Rouviere, Thomas Simon, Olivia Boyer, Thomas Blanc, Guillaume Dorval, Sabine Sarnacki** (*France*)
- Fr-P 127 Primary coenzyme Q10 deficiency: a case series report  
**Marta García Alonso, Maria Herrero Goñi, Leyre Madariaga Dominguez, Juan Cruz Len Aguilera, Javier Adolfo De Las Heras Montero, Leire Gondra Sangroniz, Mireia Aguirre Meñica, Ane Intxauspe Maritxalar** (*Spain*)
- Fr-P 128 May the tubule have propellers?  
**Ana Cristina Aguilar Rodríguez, Pedro Arango Sancho, Raquel Jiménez García, Elena Codina Sampera, Marta Jiménez Moreno, Bernat Gomez Herrera, Yolanda Calzada Baños, Álvaro Madrid Aris** (*Spain*)
- Fr-P 129 A rare case of hyperuricemia, pulmonary hypertension, renal failure and alkalosis (HUPRA) syndrome  
**Ziad Amer, Gianni Celsi, Ladan Ghahramani, Juliane Gross, Asa Laestadius** (*Sweden*)
- Fr-P 130 Presence of DICER1 mutation in children with multicystic kidney lesion is a predictor of anaplastic sarcoma development  
**Gizem Yildiz, Meral Torun Bayram, Alper Soylu, Salih Kavukcu** (*Turkey*)
- Fr-P 131 Survival beyond three years of age with mild chronic renal disease in a child with renal tubular dysgenesis due to ACE mutation  
**Gizem Yildiz, Meral Torun Bayram, Alper Soylu, Salih Kavukcu** (*Turkey*)
- Fr-P 132 Rare case of COQ8B nephropathy  
**Kristina Mishutkina, Tatiana Kursova, Sergey Morozov** (*Russia*)

## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 133 Paediatric metastatic pheochromocytoma and paraganglioma: a case series  
**Stephen Marks, Joseph Oreofoluwa, Sara Tho-Calvi** (*United Kingdom*)
- Fr-P 134 Clinical manifestation of females with Fabry disease in Lithuanian cohort  
**Emilija Damažeckaitė, Agne Cerkauskaite-Kerpauskiene, Marta Monika Janusaite, Marius Miglinas, Rimante Cerkauskiene** (*Lithuania*)
- Fr-P 135 Clinical and genetic analyses of 16 children with nephronophtisis-related ciliopathy  
**Gizem Yildiz, Esra Karataş, Meral Torun Bayram, Alper Soylu, Salih Kavukcu** (*Turkey*)
- Fr-P 136 Is heterozygosity a bystander or a culprit in 24-hydroxylase-related diseases  
**Rym Khellaf, Andreea Apetrei, Gilles Laverny, Sacha Flammier, Arnaud Molin, Aurélie Bertholet-Thomas, Sandrine Lemoine, Justine Bacchetta** (*France*)

## POSTER SESSION 1H – INHERITED KIDNEY DISORDERS

- Fr-P 137 Spectrum of renal tubular disorders among omani children evaluated in sultan qaboos university hospital  
**Al Wiaam Al Balushi, Dana Al Nabhani** (*Oman*)
- Fr-P 138 Atypical clinical case of Shimke's syndrome  
**Valeriia Kulagina, Natalia Zaikova, Anna Smirnova, Farhod Khafizov, Vladimir Dlin** (*Russia*)
- Fr-P 139 Genomic analysis in unexplained pediatric nephropathy: an unusual diagnosis of primary hyperoxaluria  
**Aurélien Bertholet-Thomas, Cecile Acquaviva-Bourdain, Sellier Leclerc Anne-Laure, Rosa Vargas-Poussou, Catherine Didier-Wright, Laurence Michel, Justine Bacchetta** (*France*)
- Fr-P 140 Diagnostic delay for primary hyperoxaluria remains considerable  
**Romain Pszczolinski, Cecile Acquaviva-Bourdain, Justine Bacchetta, Moulin Bruno** (*France*)
- Fr-P 141 The effect of lumasiran therapy for primary hyperoxaluria typel in a pre-school age child  
**Chrysoula Kosmeri, Anastasios Serbis, Aikaterini Crepi, Aikaterini Zioga, Ekaterini Siomou** (*Greece*)
- Fr-P 142 Primary hyperoxaluria in Algiers; challenges in diagnosis and management  
**Boutaba Mounia, Djelil Meryem, Sahli Hassiba, Haddad Karima** (*Algeria*)



## FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS

- Fr-P 143 Successful kidney transplantation in primary hyperoxaluria type 1 after combining RNA-interference therapeutics: a case report  
**Ella Metry, Lisa Deesker, Sander Garrelfs, Michiel Oosterveld, Kerensa Beekman, Marlies Cornelissen, Linda Koster-Kamphuis, Jaap Groothoff** (*The Netherlands*)
- Fr-P 144 Efficacy and tolerance of stiripentol in patients with primary hyperoxaluria  
**Julien Hogan, Georges Deschenes, Alexandra Cambier, Emmanuel Letavernier, Claire Dossier** (*France*)
- Fr-P 145 Tubulointerstitial nephritis (TIN): different sides of the same coin  
**Adriana Giuliano<sup>1</sup>, Pedro Arango Sancho<sup>1</sup>, Marta Jiménez Moreno<sup>1</sup>, Ana Cristina Aguilar Rodríguez<sup>1</sup>, Bernat Gomez Herrera<sup>1</sup>, Yolanda Calzada Baños<sup>1</sup>, Raquel Jiménez García<sup>1</sup>, Verónica Coll Brito<sup>1</sup>, Osmar David González Osorio<sup>2</sup>, Álvaro Madrid Aris<sup>1</sup>** (*<sup>1</sup>Spain, <sup>2</sup>Chile*)
- Fr-P 146 Schimke immunoosseous dysplasia. a 20-year case series from the tertiary center in the Czech Republic  
**Jakub Zieg, Martin Bezdicka, Michaela Nemcikova, Miroslava Balašćáková, Martina Suková, Katalin Sterbova, Karel Vondrak, Jiri Dusek, Anna Krepelova** (*Czech Republic*)
- Fr-P 147 Difficult to control arterial hypertension. Tumor as main actor  
**Marta Jiménez Moreno, Pedro Arango Sancho, Raquel Jiménez García, Ana Cristina Aguilar Rodríguez, Bernat Gomez Herrera, Yolanda Calzada Baños, Elena Codina Sampera, Álvaro Madrid Aris** (*Spain*)
- Fr-P 148 Nephropathic cystinosis—a single center experience  
**Varvara Askiti, Argyroula Zampetoglou, Filadelfia Komianou, Marina Moraitou, Maria Eirini Gourtzelidou, Andromachi Mitsioni** (*Greece*)
- Fr-P 149 Evaluation of clinical and laboratory findings and the outcome of renal tubular disorders in children  
**Hülya Gözde Önal, Hülya Nalçacıoğlu, Demet Tekcan Karali** (*Turkey*)
- Fr-P 150 Hypophosphatemic X-linked rickets (XLHR): when clinical and biochemical signs predominate over molecular tests  
**Carmine Pecoraro, Luigi Annicchiarico Petruzzelli, Daniela Cioffi, Antonella Klain, Marica Lonardo, Daniela Molino, Gabriella Esposito** (*Italy*)
- Fr-P 151 Lumasiran treatment immediately after birth in primary hyperoxaluria type 1: never too soon  
**Licia Peruzzi, Marta Leporati, Michele Petrarulo, Vitor Dias Martins, Alessandra Coscia, Luca Marozio, Roberta Camilla, Francesca Mattozzi, Bruno Gianoglio** (*Turin*)



## **FRIDAY, 29 SEPTEMBER 2023 – POSTER SESSIONS**

- Fr-P152** BUR-CL207, an open-label, multicentre, non-randomised study to assess the safety, tolerability, pharmacokinetics and efficacy of burosumab in infants with X-linked hypophosphataemia: summary of participant enrolment  
**Francesco Emma<sup>1</sup>, Justine Bachetta<sup>2</sup>, Francisco de la Cerda<sup>3</sup>, Wesley Hayes<sup>4</sup>, Wolfgang Högl<sup>5</sup>, Jo Bowler<sup>4</sup>, Lucy Henderson<sup>4</sup>, Emilia Quattrocchi<sup>1</sup>, Agnes Linglart<sup>2</sup>**  
*(<sup>1</sup>Italy, <sup>2</sup>France, <sup>3</sup>Spain, <sup>4</sup>United Kingdom, <sup>5</sup>Austria)*
- Fr-P153** Schimke immuno-osseous dysplasia: expanding phenotype  
**Marina Aksenova, Anna Mukhina, Diana Khalikova, Oxana Piruzeeva, Tatiana Lepaeva, Natalia Zaikova, Sergey Morozov, Svetlana Papizh, Olga Katysheva, Michail Kaabak, Alexey Tsygin, Igor Miloserdov, Alexandr Rumyantsev, Vlia Rodina, Anna Scherbina**  
*(Russia)*
- Fr-P154** Evaluation of congenital nephrogenic diabetes insipidus cases with AVPR2 Mutation: a single center experience  
**Özde Nisa Türkkkan, Serçin Güven, Neslihan Çiçek, Nurdan Yildiz, Ibrahim Gökçe, Harika Alpay**  
*(Turkey)*

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

### POSTER SESSION 2A – DIALYSIS AND TRANSPLANTATION

- Sa-P 155 Ambulatory blood pressure monitoring in 40 kidney transplant patients  
**Manuel Vaqueiro Graña, Juan Bravo Feito, Marta Melgosa Hijosa, Carlota Fernández Cambor, Ángel Alonso Melgar, Miriam Muñoz Berges, Laura García Espinosa, Laura Espinosa Román** (*Spain*)
- Sa-P 156 Early proteinuria after renal transplantation in children, what is its clinical significance?  
**Gal Benshalom<sup>1,2</sup>, Yotam Dizitzer<sup>1</sup>, Miriam Davidovits<sup>1</sup>, Irit Krause<sup>1</sup>** (*<sup>1</sup>Israel, <sup>2</sup>United Kingdom*)
- Sa-P 157 Bilateral cortical necrosis: case report  
**Baya Guerd** (*Algeria*)
- Sa-P 158 Diversity of renal treatment pathways in national child health systems of 48 European countries: a survey commissioned by 55 ESPN members  
**Velibor Tasic<sup>1</sup>, Jochen Ehrich<sup>2</sup>** (*<sup>1</sup>Macedonia, <sup>2</sup>Germany*)
- Sa-P 159 May Thurner's syndrome in a paediatric kidney transplant recipient  
**Hana Matkovic, Maja Ban, Ivanka Kos, Masa Davidovic, Lovro Lamot, Vinko Vidjak, Kristina Vrljicak, Jasna Slaviček** (*Croatia*)
- Sa-P 160 Acute kidney injury in A allogeneic hematopoietic cell transplant recipient  
**Zeynep Kemer Aktas, Gulsah Kaya Aksoy, Havva Serap Toru, Mustafa Koyun, Elif Comak, Elif Guler, Mehmet Emin Kuş, Sema Akman** (*Turkey*)
- Sa-P 161 A prospective study of acute kidney injury (AKI) recognition and management since the introduction of AKI e-alerts in a tertiary paediatric hospital  
**Danielle Furnell, Matthew Symington, Emma Curtis, Sarah Roy** (*United Kingdom*)
- Sa-P 162 Haemoglobin cast nephropathy: the forgotten cause of acute kidney injury in children  
**Ming Jie Chuah, Hai Liang Tan, Junalina Ja'afar, Hemlata Kumari Gnanasegaram, Yok Chin Yap, Caroline Siew Yin Eng** (*Malaysia*)
- Sa-P 163 Incidence and outcomes of COVID-19 infection in pediatric transplant recipients  
**Evangelia Gole, Georgia Malakasioti, Maria Eirini Courtzelidou, Andromachi Mitsioni, Varvara Askiti** (*Greece*)
- Sa-P 164 Acute kidney injury in infants with gestation age less than 32 weeks  
**Iuliia Kyslova, Tetiana Savrun, Olga Yablon, Oleksandr Mazulov, Nataliia Bedrii-Nazarchuk** (*Ukraine*)



## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 165 Pediatric kidney transplantation: focus on graft survival and current transition care  
**Olga Raikevich-Liachovskaya, Sergey Baiko** (*Belarus*)
- Sa-P 166 Pleural effusion secondary to everolimus in a pediatric kidney transplant patient  
**Marta Jiménez Moreno, Yolanda Calzada Baños, Bernat Gomez Herrera, Ana Cristina Aguilar Rodríguez, Pedro Arango Sancho, Raquel Jiménez García, Elena Codina Sampera, Álvaro Madrid Aris** (*Spain*)
- Sa-P 167 Moyamoya disease in a hemodialysis patient with Bardet Biedl syndrome  
**Bahriye Atmis, Ferhat Can Piskin, Zahide Orhan Ok, Cansu Micoogullari, Cagla Cagli Piskin, Emel Saribas, Faruk Incecik, Ilgen Sasmaz, Aysun Karabay Bayazit** (*Turkey*)
- Sa-P 168 Incidence and outcome of neonatal acute kidney injury (AKI) based on modified kidney disease improving global outcomes (KDIGO) criteria  
**Oliverjames Trampleasure, Catherine Longley, Natasha Liow, Ahmed Kamal, Ruth Ayling, Manish Sinha, Ajay Sinha** (*United Kingdom*)
- Sa-P 169 pRIFLE for evaluation of AKI in children  
**Ornela Xhango, Diamant Shtiza** (*Albania*)
- Sa-P 170 Anuric patient with primitive neuroectodermal tumor successfully treated with chemotherapy associated N-acetyl cysteine – long term outcome  
**Brankica Spasojevic, Milica Bajcetic, Zoran Krstic, Polina Pavicevic, Jelena Lazic, Mirjana Cvetkovic, Mirjana Kostic** (*Serbia*)

### POSTER SESSION 2B – CKD

- Sa-P 171 Liver and kidney ultrasound elastography in paediatric patients with mild chronic kidney disease and hypertension  
**Nataša Marčun Varda, Mirjam Močnik, Sonja Golob Jančič** (*Slovenia*)
- Sa-P 172 Effect of combining native and active vitamin D in paediatric chronic kidney disease-mineral bone disease  
**Fen Ni Ong, Susan Pee** (*Malaysia*)
- Sa-P 173 Indications, findings and complications of percutaneous kidney biopsies in paediatric patients. Experience of a referral hospital  
**Marta Jiménez Moreno, Adela Rodríguez Barba, Julia Fijo López-Viota, Ana Sánchez Moreno, Rafael Bedoya Pérez, Francisco De la Cerda Ojeda** (*Spain*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 174 CAKUT in children aged between 0 and 4 years about a prospective study  
**Baya Guerd, Amine Benaired, A. Djaballah, Mahmoud Chiad, Mokhtaria Hasnaoui, Hafidha Ouagnouni, Nassima Bourazi, Hamid Zehaf, Younes Boulahia** (*Algeria*)
- Sa-P 175 Efficacy and safety of fenoldopam in treatment of hypertensive crises in children: a retrospective study  
**Nicola Bertazza Partigiani, Davide Meneghesso, Serena Vigezzi, Matteo Tinnirello, Marco Daverio, Enrico Vidal** (*Italy*)
- Sa-P 176 Neutrophil extracellular traps formation in children with urinary tract infections  
**Alexandra Gaál Kovalčíková, Katarína Krivošíková, Lubomira Tóthová, Peter Celec, Ludmila Podracká** (*Slovakia*)
- Sa-P 177 Non-fatal metformin associated lactic acidosis in a girl with non-dialyzed chronic kidney disease and non-insulin dependent diabetes mellitus  
**Prayong Vachvanichsanong, Somchit Jaruratanasirikul** (*Thailand*)
- Sa-P 178 Comparison evaluation of urinary markers in children with obesity  
**Tatiana Nastausheva, Timofey Chubarov, Olga Zhdanova, Anna Khan** (*Russia*)
- Sa-P 179 Intracardiac thrombus in a child with nephrotic syndrome  
**Ece Demirci Bodur, Eren Soyaltın, Halise Zeynep Genc, Sevgi Yavuz** (*Turkey*)
- Sa-P 180 The rate of progression of chronic kidney disease in children to the end stage and affecting factors  
**Nergis Akay, Bağdagül Aksu, Zeynep Yürük Yıldırım, Aslı Derya Kardelen Al, Ahmet Nayır, Mehmet Güven Günver, Aydan Malçok, Alev Yılmaz** (*Turkey*)
- Sa-P 181 Evaluating kidney injury after acute pyelonephritis: guidelines changed, what about the results? A retrospective single-center study  
**Despoina Tramma, Nikolaos Gkiourtzis, Agni Glava, Aristeidis Christakopoulos, Theopisti Vasileiadou, Sotirios Kofkelis, Theodora Delaporta, Maria Moutafi, Sofia Chantavaridou, Domenica Lopresti, Georgios Arsos** (*Greece*)
- Sa-P 182 Acute pyelonephritis in children: predictors of recurrence and effectiveness of anti-relapse therapy  
**Vladimir Snopkov, Sergey Baiko, Natallia Tur** (*Belarus*)
- Sa-P 183 Solitary functioning kidney in children: epidemiology, risk factors and complications  
**Mansar Syrine, Selsabil Nouir, Mabrouk Sameh, Majdoub Fadwa, Ajmi Houda, Abroug Saoussen, Chemli Jalel** (*Tunisia*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 184 Reversible renal impairment due to acquired hypothyroidism in a child with ADCK3 mutation  
**Gizem Yildiz, Meral Torun Bayram, Alper Soylu, Salih Kavukcu** (*Turkey*)
- Sa-P 185 Investigating the impact of physical activity on mental health: a systematic review and meta-analysis  
**Rajiv Basava** (*USA*)
- Sa-P 186 Neonatal hypocalcemia and maternal hypercalcemia: exploring the potential connection to parathyroid adenoma and CaSR mutations  
**Jhao-Jhuang Ding, Min-Hua Tseng, Shih-Hua Lin** (*Taiwan*)
- Sa-P 187 Evaluating risk factors for chronic kidney disease in children with sickle cell disease  
**Naif Abdul-Majeed, Mohammed Karar** (*Saudi Arabia*)
- Sa-P 188 Clinical case of a patient with HNF1b-associated nephropathy  
**Aleksandra Mazharova, Tatiana Kursova, Oksana Pirusieva, Sergey Morozov** (*Russia*)
- Sa-P 189 Transition of hypertensive children and adolescents from pediatric to adult care: Insights from the adult perspective  
**Stella Stabouli<sup>1</sup>, Alexandre Persu<sup>2</sup>, Isabelle Aujoulat<sup>2</sup>, Athanasia Chainoglou<sup>1</sup>, Thomas Weber<sup>3</sup>, Reinhold Kreutz<sup>4</sup>, Guido Grassi<sup>5</sup>, Empar Lurbe<sup>6</sup>** (<sup>1</sup>Greece, <sup>2</sup>Belgium, <sup>3</sup>Austria, <sup>4</sup>Germany, <sup>5</sup>Italy, <sup>6</sup>Spain)
- Sa-P 190 Juvenile nephronophthisis in 2 siblings presenting with ESRD in young age  
**Pavel Geier<sup>1</sup>, Radka Cihlarova<sup>2</sup>** (<sup>1</sup>Canada, <sup>2</sup>Czech Republic)

### POSTER SESSION 2C – CAKUT

- Sa-P 191 A familial case of rare STAR multigenic syndrome  
**Tatiana Kursova, Sergey Morozov** (*Russia*)
- Sa-P 192 The nut was cracked: a peculiar case of persistent hematuria in an Omani child  
**Dana Al Nabhani, Munya Alshikh Abubakar, Nidaa Al Naamany, Saleh Baawain, Mohammed Abdalnasser Obaid** (*Oman*)
- Sa-P 193 Bimodal, continuous and non-invasive assessment of lower urinary tract function in children – presentation of project objectives and preliminary results  
**Marcin Tkaczyk, Marek Krakós, Małgorzata Stańczyk, Monika Pawlak-Bratkowska, Krzysztof Strzecha, Wolodymyr Mosorow, Tomasz Rymarczyk** (*Poland*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 194 Evaluation of risk factors for acute pyelonephritis and permanent renal damage (renal scarring) in children under 2 years of age with a first febrile urinary tract infection  
**Aikaterini Crepi, Vasileios Giapros, Spyros Tsiouris, Vasileios Xydis, Anastasios Serbis, Ekaterini Siomou** (*Greece*)
- Sa-P 195 Fosfomycin prophylaxis can reduce the risk of severe recurrent urinary tract infections requiring hospitalization in children with complex urinary tract malformations  
**Małgorzata Stańczyk, Monika Pawlak-Bratkowska, Anna Jander, Barbara Puczko-Nogal, Agnieszka Seraficka, Marcin Tkaczyk** (*Poland*)
- Sa-P 196 IgA nephropathy with bilateral hydrocalicosis  
**Boris Adasević, Daniel Turudic, Ivana Sosa Filjak, Goran Roic, Danko Milosevic** (*Croatia*)
- Sa-P 197 Acute urinary retention without apparent cause in 14 years old girl – diagnostic and therapeutic difficulties  
**Małgorzata Stańczyk, Marek Krakós, Łukasz Przysło, Marcin Tkaczyk** (*Poland*)
- Sa-P 198 Vascular malformation of the kidney as a cause of severe infantile arterial hypertension: a case report  
**Ina Kazyra, Anna Krylova-Alefirenko, Alexey Tchitchko, Vitali Dubrou, Natallia Tur, Marina Volchek, Anzhelika Borycheva** (*Belarus*)
- Sa-P 199 Pancake kidney in a 7-year old girl – case report  
**Joanna Milart, Agnieszka Gościńska, Małgorzata Placzyńska, Emil Lisiak, Katarzyna Jobs** (*Poland*)
- Sa-P 200 13-year-old male patient with retrocaval ureter, applying with macroscopic hematuria  
**Cemaliye Başaran, Sibel Tiryaki, Özgür Özdemir-Şimşek, Fatma Mutlubaş, Seçil Arslansoyu-Çamlar, Belde Kasap-Demir, Demet Alaygut** (*Turkey*)
- Sa-P 201 Diuretic renography in pediatric hydronephrosis: a retrospective single-center study  
**Despoina Tramma, Nikolaos Gkiourtzis, Agni Glava, Theopisti Vasileiadou, Aristeidis Christakopoulos, Sotirios Kofkellis, Theodora Delaporta, Maria Moutafi, Sofia Chantavaridou, Domenica Lopresti, Georgios Arsos** (*Greece*)
- Sa-P 202 Bladder-bowel dysfunction in children with recurrent urinary tract infection  
**Iuliia Kyslova, Oleksandr Mazulov, Olga Yablon, Olexii Lopushanskyi, Anastasiia Shevchenko, Mykhailo Denisov** (*Ukraine*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 203 Description of symptoms and health status of patients with postnatal confirmed posterior urethral valve in our clinic  
**Ketevan Kvatadze, Ekaterine Caprindashvili, Salome Kavsadze** (*Georgia*)
- Sa-P 204 Monitoring kidney function of children with congenital anomalies of the kidney and urinary tract- the experience of an single center in West part of Romania  
**Ruxandra Stefflea, Ramona Stroescu, Mihai Gafencu, Raluca Isac, Ioana-Cristina Olariu, Lazar Chisavu, Flavia Chisavu, Gabriela Doros** (*Romania*)
- Sa-P 205 Clinical implications of the congenital solitary functioning kidney in children - a cohort of pediatric patients from a single center  
**Anca-Elena Marin, Florina Raluca Badea, Cristina Oprea, Diana Stoica, George-Claudiu Costea, Mihai Gurgu, Adrian Lungu, Ovidiu Limoncu, Oana Rizea, Cristina Stoica** (*Romania*)
- Sa-P 206 Multicystic dysplastic kidney in children: epidemiology, clinical features and follow up  
**El Arbi Marwen, Selsabil Nouir, Mabrouk Sameh, Majdoub Fadwa, Ajmi Houda, Chemli Jalel** (*Tunisia*)
- Sa-P 207 Pediatric urinary tract dilations: data from a multicenter retrospective observational study  
**Elisa Manieri, Andrea Pasini, Martina Ceccoli, Roberto Pillon, Irene Alberici, Pierluigi Marzuillo, Federica Scaglione, Francesca Taroni, Sante Cantatore, Stefano Guarino, Giuseppe Puccio, Giovanni Montini, Claudio La Scola** (*Italy*)

## POSTER SESSION 2D – TRANSPLANTATION

- Sa-P 208 Role of EBV in development of adenotonsillar hypertrophy in kidney transplanted children: a retrospective study  
**Nicola Bertazza Partigiani, Marco Citterio, Diego Cazzador, Sebastiano Franchella, Mattia Parolin** (*Italy*)
- Sa-P 209 The challenges of undertaking paediatric kidney transplantation in low- and middle-income countries: the transplant links community experience  
**Lydia Roberts, Amrit Kaur, Jennie Jewitt-Harris, Andrew Ready, David Milford** (*United Kingdom*)
- Sa-P 210 Anesthesia and ICU practice in pediatric kidney transplantation; a European survey  
**Marieke Voet, Joris Lemson, Marlies Cornelissen, Ignacio Malagon** (*The Netherlands*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 211 Antibody response to SARS-CoV-2 vaccination in pediatric kidney transplant recipients: a single center experience  
**Giacomo Margheri, Giulia Debertolis, Maria Sangermano, Elisa Benetti, Susanna Negrisola, Germana Longo, Mattia Parolin, Davide Meneghesso, Valeria Silecchia, Giovanni Ceschia, Daniele Donà, Enrico Vidal** (*Italy*)
- Sa-P 212 HLA desensitization for retransplantation in an adolescent with focal segmental glomerulosclerosis  
**Maria Herrero Goñi, Nerea Olivares Beobide, Leire Gondra Sangroniz, Mireia Aguirre Meñica, Leyre Madariaga Dominguez** (*Spain*)
- Sa-P 213 Complications of therapeutic apheresis in children with kidney disease  
**Muhammed Doğukan Kalenderoğlu, Elif Çomak, Gülşah Kaya Aksoy, Osman Alphan Küpesiz, Mustafa Koyun, Uğur Bilge, Sema Akman** (*Turkey*)
- Sa-P 214 The impact of immunosuppressive therapy on pubertal development and long-term outcomes in pediatric renal transplantation  
**Mariateresa Zicarelli, Davide Bolignao** (*Italy*)
- Sa-P 215 Medium term outcome of de novo DSA treated with optimised immunosuppression following kidney transplantation in children  
**Mohan Shenoy, Liz Edwards, Nicholas Plant, Christian Brix, Judith Worthington** (*United Kingdom*)
- Sa-P 216 Paediatric renal dietetic input post renal transplant: a survey of parents/carers  
**Triona Joyce, Tara Hall, Louise Kipping, Grainne Walsh, Joanna Clothier, Nick Ware, Helen Jones** (*United Kingdom*)
- Sa-P 217 Focal segmental glomerulosclerosis associated with scabies in a pediatric kidney transplant patient  
**Annalisa Candino, Federica Zotta, Raffaella Labbadia, Andrea Cappoli, Luca Antonucci, Isabella Guzzo** (*Italy*)
- Sa-P 218 Evaluations of cardiac functions by speckle-tracking echocardiography in pediatric patients undergoing renal transplantation  
**Özgür Özdemir-Şimşek, Tilay Demircan, Gökçen Erfidan, Cemaliye Başaran, Caner Alparslan, Seçil Arslansoyu-Çamlar, Demet Alaygut, Fatma Mutlubaş, Cem Karadeniz, Belde Kasap-Demir** (*Turkey*)
- Sa-P 219 A rare clinic in complicated urinary tract infection: *Emphysematous pyelonephritis*  
**Özgür Özdemir-Şimşek, Demet Alaygut, Sibel Tiryaki, Cemaliye Başaran, Seçil Arslansoyu-Çamlar, Fatma Mutlubaş, Belde Kasap-Demir** (*Turkey*)



## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 220 Follow-up of Turkish children with renal transplantation in infancy period: a single center experience  
**Cemaliye Başaran, Özgür Özdemir-Şimşek, Gökçen Erfidan, Belde Kasap-Demir, Seçil Arslansoyu-Çamlar, Demet Alaygut, Fatma Mutlubas** (*Turkey*)
- Sa-P 221 Obinutuzumab in focal segmental glomerulosclerosis recurrence after pediatric kidney transplantation: a case report  
**Francesca Semeraro, Luca Antonucci, Marina Vivarelli, Manuela Colucci, Raffaella Labbadia, Andrea Cappoli, Angela De Luca, Carmine Pecoraro, Francesco Emma, Isabella Guzzo** (*Italy*)
- Sa-P 222 Post-transplant complication: leiomyoma and early follow-up  
**Özgür Özdemir-Şimşek, Gökçen Erfidan, Seçil Arslansoyu-Çamlar, Zuhal Önder Siviş, Demet Alaygut, Cemaliye Başaran, Fatma Mutlubas, Belde Kasap-Demir** (*Turkey*)
- Sa-P 223 Adequacy of kidney biopsies in children: a single centre study  
**Mia Dursun, Sverker Hansson, Verena Bröcker, Per Brandström** (*Sweden*)
- Sa-P 224 Dose development of dnDSA accelerate kidney allograft failure in children?  
**Alaa Ali, Sheila Boyle, Diana Korit, Jelena Stojanovic, Stephen Marks, Zainab Arslan** (*United Kingdom*)

### POSTER SESSION 2E – GLOMERULAR DISORDERS

- Sa-P 225 Impact of COVID19 pandemic on hemolytic uremic syndrome epidemiology in children - preliminary results of a single centre study  
**Monika Miklaszewska, Przemysław Korohoda, Karina Madej – Świątkowska, Agnieszka Jaskólska, Katarzyna Zachwieja, Magdalena Błasiak, Dorota Drożdż** (*Poland*)
- Sa-P 226 Percutaneous renal biopsy findings in a tertiary referral center  
**Gamze Bekar, Zeynep Birsin Özçakar, Songül Yılmaz, Ömer Suat Fitoz, Nilgün Çakar, Seda Kaynak Sahap** (*Turkey*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 227 Urinary complement factor D as a potential indicator of persisting proteinuria in children with IgA vasculitis  
**Julien Marro, Andrew Chetwynd, Jennifer Hawkes, Sarah Northey, Louise Oni** (*United Kingdom*)
- Sa-P 228 Clinical, laboratory and genetic characteristics, treatment and outcome of children with HUS during COVID-19 pandemic: experience from tertiary referral centre  
**Lovro Lamot<sup>1</sup>, Ivan Jakopcic<sup>1</sup>, Masa Davidovic<sup>1</sup>, Maja Ban<sup>1</sup>, Ivanka Kos<sup>1</sup>, Hana Matkovic<sup>1</sup>, Zoltan Prohaszka<sup>2</sup>, Kristina Vrljicak<sup>1</sup>** (*Croatia, <sup>2</sup>Hungary*)
- Sa-P 229 Long term outcomes in IgA vasculitis: single centre experience  
**Laura Garcia Espinosa, Laura Espinosa Román, Juan Bravo Feito, Manuel Vaqueiro Graña, Alejandro Zarauza Santoveña, Marta Melgosa Hijosa** (*Bolivia*)
- Sa-P 230 Hereditary form of thrombotic thrombocytopenic purpura with novel genetic variants as a cause of thrombotic microangiopathy: a case report from pediatric nephrology practice  
**Masa Davidovic, Hana Matković, Maja Ban, Ivanka Kos, Kristina Vrljicak, Marija Milos, Lovro Lamot** (*Croatia*)
- Sa-P 231 MCPggaac haplotype following atypical hemolytic uremic syndrome (aHUS) – experience of three South Eastern European countries  
**Daniel Turudic<sup>1</sup>, Danka Pokrajac<sup>2</sup>, Velibor Tasic<sup>3</sup>, Zoltan Prohaszka<sup>4</sup>, Danko Milosevic<sup>1</sup>** (*Croatia, <sup>2</sup>Bosnia and Herzegovina, <sup>3</sup>Macedonia, <sup>4</sup>Hungary*)
- Sa-P 232 Genetic atypical hemolytic uremic syndrome in children: 10- year experience from a tertiary center  
**Varvara Askiti, Maria Mila, Georgia Malakasioti, Argyroula Zampetoglou, Evangelia Gole, Andromachi Mitsioni** (*Greece*)
- Sa-P 233 IGA nephropathy and Schonlein–Henoch purpura nephritis in children: comparison of clinical and bioptic features, risk factors and prognosis  
**Elena Monti, Claudio La Scola, Irene Alberici, Roberto Pillon, Laura Anile, Lorenzo Biscardi, Giuseppe Puccio, Andrea Pasini** (*Italy*)
- Sa-P 234 The faces of thrombotic microangiopathy in children – supportive versus targeted therapy – our experience  
**Ramona Stroescu, Flavia Chisavu, Ruxandra Steflea, Gabriela Doros, Mihai Gafencu** (*Romania*)



## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 235 Clinicopathological and prognostic features of IgA nephropathy and IgA vasculitis nephritis with utilization of a computer based prediction algorithm  
**Osman Mete, Eda Didem Kurt-Sukur, Tugba Tastemel Öztürk, Demet Baltu, Togay Yilmaz, Bora Gulhan, Fatih Ozaltin, Ali Duzova, Diclehan Orhan, Rezan Topaloglu** (Turkey)
- Sa-P 236 Pulmonary artery and renal vein thrombosis as manifestations of membranous nephropathy in a 16-year-old girl  
**Cigdem Oruc, Demet Baltu, Buğse Tıraş, Bora Gülhan, Eda Didem Kurt Şükür, Şule Ünal Cangül, İlker Ertuğrul, Mithat Haliloğlu, Tuncay Aki, Diclehan Orhan, Uğur Özçelik, Ali Bülent Cengiz, Fatih Özalın, Ali Düzova** (Turkey)
- Sa-P 237 A rare case: overlapping C3 glomerulopathy and thrombotic microangiopathy  
**Demet Alaygut, Özgür Özdemir-Şimşek, Seçil Arslansoyu-Çamlar, Cemaliye Başaran, Fatma Mutlubaş, Belde Kasap-Demir** (Turkey)
- Sa-P 238 Rapidly progressive glomerulonephritis in a patient with reno-pulmonary involvement: adult pathology only?  
**Yolanda Calzada Baños, Marta Jiménez Moreno, Elena Codina Sampera, Ana Cristina Aguilar Rodríguez, Bernat Gomez Herrera, Raquel Jiménez García, Pedro Arango Sancho, Adriana Patricia García Herrera, Álvaro Madrid Aris** (Spain)
- Sa-P 239 Hypocomplementemic glomerulonephritis or hypocomplementemia with glomerulonephritis?  
**Bernat Gomez Herrera, Ana Cristina Aguilar Rodríguez, Pedro Arango Sancho, Marta Jiménez Moreno, Yolanda Calzada Baños, Elena Codina Sampera, Raquel Jiménez García, Montserrat Gomá Gallego, Álvaro Madrid Aris** (Spain)
- Sa-P 240 Complications of of ultrasound-guided kidney biopsy in children: single center experience  
**Ali Asiri, Khalid Alsarhan, Abdulhadi Altalhi, Mohammed Bafaqeeh, Abdulaziz Alshathri, Musaed AlQarni** (Saudi Arabia)
- Sa-P 241 Eculizumab in STEC-HUS: A paradigm shift in the management of paediatric patients with neurological involvement  
**Dermot Wildes, Caoimhe Suzanne Costigan, Susan Harvey, Caoimhe McDonnell, Niamh Dolan, Bryan J. Lynch, Declan J. O'Rourke, Michael Riordan, Maria Stack, Clodagh Sweeney, Éilís Twomey, Atif Awan, Kathleen Gorman** (Ireland)
- Sa-P 242 Thrombotic microangiopathy (TMA) in a patient with ECMO support  
**Mercedes López Gonzalez, Manuel Caro Juarez, Victor Perez Beltran, Hector Rios Duro, Alejandro Cruz Gual, Saskia Natali Agamez Luengas, Carmen Larramendi Hernandez, Joan Balcells Ramirez, Gema Ariceta Iraola** (Spain)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

Sa-P 243 Assessment of prognosis and predictors of prognosis in patients with immunoglobulin A nephritis  
Emre Ugurlu, Bagdagul Aksu, Yasemin Ozluk, Isin Kılıcaslan, Alev Yılmaz, Ahmet Nayır, Zeynep Nagehan Yuruk Yildirim (Turkey)

Sa-P 244 Complement C5 inhibitors... useful in typical hemolytic uremic syndrome?  
Sergio Foullerat Cañada, Ana Roche Gómez, Ana Arias Felipe, María Alejandra Rosario Verde, Sylvia Belda Hofheinz, Mar Espino-Hernández (Spain)

### POSTER SESSION 2F – GLOMERULAR DISORDERS

Sa-P 245 A case report of child with Senior-Loken syndrome and comorbidities  
Odeta Valente, Sarunas Rudaitis, Rasa Traberg, Arvydas Gelzinis, Diana Dobilienė, Jūratė Masalskiene (Lithuania)

Sa-P 246 Alterations in glomerular filtration markers without alterations in kidney function  
Manuel Vaqueiro Graña, Diego Morante Martínez, Alejandro Zarauza Santoveña, Juan Bravo Feito, Rubén Gómez Rioja, Laura Espinosa Román (Spain)

Sa-P 247 Chronic kidney disease related to WT1 gene: a report of three cases  
Povilas Žemaitis, Šarūnas Rudaitis, Diana Dobilienė, Jūratė Masalskiene (Lithuania)

Sa-P 248 Congenital nephrotic syndrome: experience from a single center  
Anna Bjerre, Adelin Aursnes, Arild Roennestad (Norway)

Sa-P 249 Girls with X-linked Alport syndrome: risk of the disease progression  
Marina Aksenova, Natalia Konkova, Tatiana Lepaeva, Tatiana Nikishina, Sergey Morozov, Oxana Piruzeeva, Natalia Zaikova, Varvara Obuhova, Vladimir Dlin (Russia)

Sa-P 250 Barakat syndrome from childhood to adulthood  
Maria Kourkounaki, Varvara Askiti, Chrysoula Athousaki, Eirini Dikaiakou, Elpis Vlachopapadopoulou, Maria Mila (Greece)

Sa-P 251 NutCracker syndrome: initial findings and long-term follow-up results  
Iryna Akdemir, Zeynep Birsin Özçakar, Ece Mekik Akar, Songul Yılmaz, Nilgun Cakar, Suat Fitoz (Turkey)

Sa-P 252 Renal involvement as the main presentation of inflammatory bowel disease: a case report  
Fabiola Scaramuzzino, Luca Antonucci, Antonio Gargiulo, Laura Lucchetti, Francesca Diomedi-Camassei, Laura Massella (Italy)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 253 A novel renal phenotype in Shukla-Vernon syndrome  
**Natalie Wyatt, Camille Heming, Kalliopi Vardaki, Emma Rigby, Ania Koziell, Evgenia Preka** (*United Kingdom*)
- Sa-P 254 Evaluation of the pediatric patients with juvenile idiopathic arthritis by pulse wave analysis  
**Gökçen Erfidan, Belde Kasap-Demir, Tilay Demircan, Sedat Bağlı, Özgür Özdemir-Şimşek, Cemaliye Başaran, Seçil Arslansoyu-Çamlar, Demet Alaygut, Fatma Mutlubaş** (*Turkey*)
- Sa-P 255 March hemoglobinuria in an adolescent with “macrohematuria”  
**Terezie Šuláková, Michael Repistak, Denisa Adamíková, Gabriela Metznerova, Tomáš Kuhn, Tomas Seeman** (*Czech Republic*)
- Sa-P 256 Urinalysis as a tool for early screening of silent nephropathy in children practicing sport: a single center experience  
**Cecilia Finocchi, Sarah Ercoletti, Andrea Latessa, Marco Moscato, Tommaso Mazzierli, Samantha Innocenti, Francesca Becherucci, Luigi Cirillo, Elisa Buti, Carmela Errichiello, Francesco Peyronel, Augusto Vaglio, Paola Romagnani** (*Italy*)
- Sa-P 257 Hypocomplementemic nephrotic syndrome: who is who?  
**Ana Cristina Aguilar Rodríguez, Pedro Arango Sancho, Bernat Gomez Herrera, Raquel Jiménez García, Yolanda Calzada Baños, Marta Jiménez Moreno, Elena Codina Sampera, Álvaro Madrid Aris** (*Spain*)
- Sa-P 258 Isolated non-orthostatic persistent proteinuria in a child: do not overlook CUBN variants  
**Gizem Yildiz, Mehmet Atilla Turkmen, Meral Torun Bayram, Salih Kavukcu, Alper Soylu** (*Turkey*)
- Sa-P 259 A novel de Novo TRIM8 variant associated with childhood – onset focal segmental glomerulosclerosis and facial syndromic features, without neurological symptoms  
**Hanne Noergaard, Line Sehested, Filip Castberg, Elsebet Oestergaard, Ida Maria Schmidt** (*Denmark*)
- Sa-P 260 WT1 variant presenting early in life with nephrotic syndrome, end stage renal disease and cryptorchidism  
**Line Sehested, Hanne Noergaard, Elsebet Oestergaard, Ida Maria Schmidt** (*Denmark*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

### POSTER SESSION 2C – INHERITED KIDNEY DISORDERS

- Sa-P 261 Kidney concentrating capacity in children with autosomal recessive polycystic kidney disease is linked to glomerular filtration and hypertension  
**Tomas Seeman<sup>1</sup>, Baerbel Lange-Sperandio<sup>2</sup>, Ludmila Podracka<sup>3</sup>** (*<sup>1</sup>Czech Republic, <sup>2</sup>Germany, <sup>3</sup>Slovakia*)
- Sa-P 262 Two cases of isolated proximal renal tubular acidosis caused by SLC4A4 mutations  
**Daniel Csomó<sup>1</sup>, Milan Chromek<sup>2</sup>, Ludmila Podracka<sup>1</sup>** (*<sup>1</sup>Slovakia, <sup>2</sup>Sweden*)
- Sa-P 263 Congenital chloride diarrhea: diagnostic difficulties  
**Aksana Kandratsenka, Ina Kazyra, Hanna Bialkevich, Yuliya Shynkarenka** (*Belarus*)
- Sa-P 264 Early manifestation but late diagnosis of HNF1B nephropathy – a case report  
**Marcin Kolbuc<sup>1</sup>, Rafał Motyka<sup>1</sup>, Małgorzata Urbańska-Kosińska<sup>1</sup>, Bodo Beck<sup>2</sup>, Marcin Zaniew<sup>1</sup>** (*<sup>1</sup>Poland, <sup>2</sup>Germany*)
- Sa-P 265 Can kidney length percentiles predict ADPKD progression?  
**Ramona Stroescu, Flavia Chisavu, Ruxandra Steflea, Lazar Chisavu, Mihai Gafencu** (*Romania*)
- Sa-P 266 Identification of novel protein disulfide isomerase A6 mutations causing syndromic polycystic kidney disease with neonatal diabetes: a case series  
**Sulaiman Abdullah, Fatima Alfadhli, Essa Alharby, Ibrahim Sandokji, Naif Almontashiri** (*Saudi Arabia*)
- Sa-P 267 A paediatric cohort of HNF1beta-related-disease  
**Laura Lucchetti, Alessandra Terracciano, Lorenzo Sinibaldi, Fabrizio Pugliese, Antonio Novelli, Francesco Emma, Laura Massella** (*Italy*)
- Sa-P 268 Hypomagnesemia in a child with uromodulin gene mutation: coexistence or coincidence?  
**Zahide Orhan Ok, Bahriye Atmis, Cagla Cagli Piskin, Emel Saribas, Atıl Bisgin, Aysun Karabay Bayazit** (*Turkey*)
- Sa-P 269 An infant with aldosterone synthase deficiency who was erroneously treated as Bartter syndrome  
**Gizem Yildiz, Meral Torun Bayram, Alper Soylu, Salih Kavukcu** (*Turkey*)
- Sa-P 270 Keep in mind new gene mutation in autosomal recessive polycystic kidney disease: ZPIPL gene  
**Çağla Çağlı, Bahriye Atmis, Emel Saribas, Zahide Orhan Ok, Atıl Bisgin, Aysun Karabay Bayazit** (*Turkey*)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 271 Bardet Biedl syndrome type 10 developing end stage renal disease in infancy  
**Cemaliye Başaran, Özgür Özdemir-Şimşek, Gökçen Erfidan, Seçil Arslansoyu-Çamlar, Demet Alaygut, Fatma Mutlubaş, Belde Kasap-Demir** (Turkey)
- Sa-P 272 Characteristics of liver disease in a murine ARPKD model  
**Hanna Burmester, Maximilian Stein, Julia Fox, Dieter Haffner, Wolfgang Ziegler** (Germany)
- Sa-P 273 Health-related quality of life, mental health and caregiver burden in children with autosomal recessive polycystic kidney disease (ARPKD)  
**Charlotte Gimpel, Susanne Schaefer, Franz Schaefer** (Germany)
- Sa-P 274 The experience of pain, quality of life and symptoms of anxiety and depression in adolescents and young adults with autosomal dominant polycystic kidney disease (ADPKD)  
**Charlotte Gimpel<sup>1</sup>, Lore Willem<sup>2</sup>, Elise Van Laere<sup>2</sup>, Lotte Vanmeerbeek<sup>2</sup>, Rudi Vennekens<sup>2</sup>, Thomas Voets<sup>2</sup>, Koen Vanhosebrouck<sup>2</sup>, Franz Schaefer<sup>2</sup>, Keon Luyckx<sup>2,3</sup>, Djalila Mekahli<sup>2</sup>** (Germany, <sup>2</sup>Belgium, <sup>3</sup>South Africa)
- Sa-P 275 A rare cause of failure to thrive  
**Demet Tosun, Sebahat Tülpar, Rumeysa Yasemin Çiçek Gülşan** (Turkey)
- Sa-P 276 Nutcracker syndrome as a reason to visit the operating room  
**Ana Roche Gómez, Cristina Julia Blázquez Gomez, Mar Espino Hernández, Sergio Foullerat Cañada, Luis Sanchez Hervás, Lara Sanchez Trujillo, Joao Pedro Vieira Dos Santos, Ana Valero Arenas** (Spain)
- Sa-P 277 Identification of a missense mutation in the CLD19 gene in a patient with OHSS and early onset chronic kidney disease without eye involvement: a clinical case  
**Jamila Magomedova, Natalia Zaikova, Vladimir Dlin** (Russia)
- Sa-P 278 Tubulointerstitial acute kidney injury in pediatrics: a single center experience  
**Giovanni Raimondo Pieri, Antonio Mastrangelo, Ilaria Possenti, Enrico Felici, Giovanni Montini, Fabio Paglialonga** (Italy)

## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

### POSTER SESSION 2H – INHERITED KIDNEY DISORDERS

- Sa-P 279 Urine composition and lithogenic risk show a circadian variability which is similar between pediatric healthy subjects and stone-formers  
**Javier Lumbreras Fernández, María Concepción Mir, María Dolores Rodrigo, Iratxe Tapia, Adrián Rodríguez, María Concepción Sáez-Torres, Cristina Gómez Cobo, Guillem Frontera, Félix Grases (Spain)**
- Sa-P 280 Parameters in urinary composition for the evaluation of pediatric renal lithiasis cannot be extrapolated from 12-hour overnight samples to a 24-hour period without relevant bias. Specific reference values are proposed for 12-hour overnight samples  
**María Concepción Mir, Javier Lumbreras Fernández, María Dolores Rodrigo, Adrián Rodríguez, María Concepción Sáez-Torres, Iratxe Tapia, Cristina Gómez Cobo, Guillem Frontera, Félix Grases (Spain)**
- Sa-P 281 Correlation and concordance in urinary indexes for the evaluation of pediatric renal lithiasis between 12-hour overnight samples and 24-hour samples  
**María Dolores Rodrigo, María Concepción Mir, Javier Lumbreras Fernández, María Concepción Sáez-Torres, Adrián Rodríguez, Iratxe Tapia, Cristina Gómez Cobo, Guillem Frontera, Félix Grases (Spain)**
- Sa-P 282 Nephrocalcinosis can disappear in infants receiving early lumasiran therapy: a report on 2 cases  
**Dima Kayal, Sellier Leclerc Anne-Laure, Cabet Sarah, Acquaviva-Bourdain Cécile, Justine Bacchetta (France)**
- Sa-P 283 Comparison of risk factors for kidney stones and recurrent kidney stones among children of Elbasan, Albania  
**Irena Palloshi<sup>1</sup>, Fabien Palloshi<sup>2</sup>, Diamant Shtiza<sup>1</sup>, Ornela Xhango<sup>1</sup>, Valbona Stavileci<sup>3</sup> (Albania, <sup>2</sup>France, <sup>3</sup>Kosovo)**
- Sa-P 284 Age-related clinical and genetic characteristics of idiopathic infantile hypercalcemia type 1 in children  
**Svetlana Papizh, Marina Shumikhina, Larisa Prikhodina (Russia)**
- Sa-P 285 Multicenter study of patients with mutations in genes potentially causing hypercalcemia  
**Pedro Arango Sancho, Leyre Madariaga Dominguez, Pedro J. Ortega, Juan David González Rodríguez, Cristina Aparicio López, Carmen De Lucas Collantes, Cristina Blázquez Gómez, M<sup>a</sup> Ángeles Fernández, María Herrero Goñi, Gloria M<sup>a</sup> Fraga Rodríguez, María Del Mar Espino Hernández, Víctor Manuel García Nieto (Spain)**

## **SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS**

- Sa-P 286 A multicenter study of patients with nephrocalcinosis secondary to mutations in the genes encoding two renal proximal tubular phosphate transporters  
**Pedro Arango Sancho, Leyre Madariaga Dominguez, Pedro J. Ortega, Juan David González Rodríguez, Cristina Aparicio López, Carmen De Lucas Collantes, Cristina Blázquez Gómez, M<sup>a</sup> Ángeles Fernández, María Herrero Goñi, Gloria M<sup>a</sup> Fraga Rodríguez, María Del Mar Espino Hernández, Víctor Manuel García Nieto** (*Spain*)
- Sa-P 287 The effect of CASR, CALCR, ORA11, and SCL13 gene polymorphism on the development of urolithiasis in Turkish children  
**Özgür Özdemir-Şimşek, Berk Özyılmaz, Sibel Tiryaki, Büşra Emir, Cemaliye Başaran, Seçil Arslansoyu-Çamlar, Fatma Mutlubaş, Belde Kasap-Demir, Demet Alaygut** (*Turkey*)
- Sa-P 288 Epidemiology and recurrence in paediatric urolithiasis unravelled: a single center experience in United Kingdom  
**Achala Ratnayake, Jonathan Glass, Manish Sinha, Arash Taghizadeh** (*United Kingdom*)
- Sa-P 289 Hypercalcemia: an unusual manifestation of an HNF1 $\beta$  mutation  
**Argyroula Zampetoglou, Varvara Askiti, Maria Mila, Andromachi Mitsioni** (*Greece*)
- Sa-P 290 How to talk so patients will listen - joint motivation from nephrologist and uroterapist increases the effectiveness in voiding disorders in children  
**Monika Pawlak-Bratkowska, Malgorzata Stanczyk, Marek Krakos, Ewelina Lesniak-Monikowska, Marcin Tkaczyk** (*Poland*)
- Sa-P 291 Genetic testing in children with nephrocalcinosis: a single-center cohort study  
**Florina Raluca Badea, Anca Marin, George-Claudiu Costea, Mihai Gurgu, Diana Stoica, Cristina Oprea, Alexandra Zamfirescu, Ovidiu Limoncu, Dana Rizea, Adrian Lungu, Cristina Stoica** (*Romania*)
- Sa-P 292 Extremely low uric acid level and medullary nephrocalcinosis in a child: SLC2A9 mutation  
**Emel Saribaş, Bahriye Atmis, Zahide Orhan Ok, Cagla Caglı Piskin, Atıl Bisgin, Burcu Köseci, Fatma Derya Bulut, Aysun Karabay Bayazit** (*Turkey*)
- Sa-P 293 The clinical characteristics and the long-term outcome of cystinuria; single center experience  
**Hülya Gözde Önal, Hülya Nalçacıoğlu, Demet Tekcan Karali** (*Turkey*)
- Sa-P 294 Monitoring of plasma oxalate in an anuric child on peritoneal dialysis and treated with lumasiran for primary hyperoxaluria type 1  
**Chloé Grosyeux, Isabelle Vrillon, Marie-Christine Camoin-Schweitzer** (*France*)



## SATURDAY, 30 SEPTEMBER 2023 – POSTER SESSIONS

- Sa-P 295 Bone and mineral metabolism in children and adults with nephropathic cystinosis  
**Johannes Lahring, Annika Ewert, Christian Köppl, Nadine Herzig, Anja Büscher, Julia Thumfart, Katharina Hohenfellner, Dieter Haffner, Maren Leifheit-Nestler** (*Germany*)
- Sa-P 296 A rare association of propionic acidemia and nephrolithiasis  
**Zübeyde Şeker, Nurdan Yıldız, Sercin Guven, Harika Alpay, Ibrahim Gökçe, Neslihan Çiçek, Özde Nisa Türkkän, Burcu Hişmi** (*Turkey*)





European  
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**ESPN**  
**55<sup>th</sup> ANNUAL**  
**MEETING**

Paediatric Kidney Week

Vilnius, Lithuania  
28 Sept – 1 Oct  
2023

# INDUSTRY SYMPOSIA

## FRIDAY, 29 SEPTEMBER 2023 – INDUSTRY SYMPOSIA

**12:45–13:45 | ROOM ALFA**  
**CHIESI INDUSTRY SYMPOSIUM**   
**NEW SPOTLIGHTS ON NEPHROPATHIC CYSTINOSIS**  
Chair and Moderator: **Dieter Haffner** (*Germany*)



Welcome & Introduction  
**Dieter Haffner** (*Germany*)

The importance of early intervention in Nephropathic Cystinosis  
**Francesco Emma** (*Italy*)

New understanding in cystinosis as metabolic bone disease in children and adults  
**Gema Ariceta** (*Spain*)

Health-related quality of life: what's new what's missing  
**Johannes Lahring** (*Germany*)

Closing & Remarks  
**Dieter Haffner** (*Germany*)

**12:45–13:45 | ROOM BETA**  
**ALNYLAM INDUSTRY SYMPOSIUM**  
**APPLYING PRIMARY HYPEROXALURIA RECOMMENDATIONS IN DAILY PRACTICE:  
TURNING KNOWLEDGE INTO ACTION**



Struggling to diagnose primary hyperoxaluria: not always an easy task  
**Giorgia Mandrile** (*Italy*)

Indication and rationale for using RNAi therapies in my PH1 patient  
**Sander Garrelfs** (*The Netherlands*)

Recommended management and monitoring of patients with PH1 on RNAi therapy  
**Justine Bacchetta** (*France*)

## FRIDAY, 29 SEPTEMBER 2023 – INDUSTRY SYMPOSIA

12:45–13:45 | ROOM ZETA

NOVARTIS INDUSTRY SYMPOSIUM 

 NOVARTIS | Reimagining Medicine

**RARE COMPLEMENT-MEDIATED KIDNEY DISEASES: CURRENT PERSPECTIVES AND FUTURE PROSPECTS IN C3G AND IC-MPGN**

- 12:45 Welcome and introduction  
**Christoph Licht** (*Canada*)
- 12:47 Translating knowledge of the complement system to new therapeutic targets: overcoming current challenges in C3G and IC-MPGN  
**Christoph Licht** (*Canada*)
- 13:07 The burden of C3G recurrence: what do we know from a clinical and patient perspective?  
**Burkhard Tönshoff** (*Germany*)
- 13:17 Alternative complement pathway inhibition: clinical evidence in C3G and IC-MPGN  
**Nicholas Webb** (*Novartis*)
- 13:32 Audience Q and A, followed by closing remarks  
All faculty, moderated by **Christoph Licht** (*Canada*)

## SATURDAY, 30 SEPTEMBER 2023 – INDUSTRY SYMPOSIA

12:45–13:45 | ROOM BETA



**KYOWA KIRIN INDUSTRY SYMPOSIUM**

**NOW WE'RE TALKING XLH: DISCUSSING BEST PRACTICE WITH YOUR RADIOLOGIST**

- 12:45 Welcome, introduction and objectives  
Francesco Emma (*Italy*)
- 12:50 Let's talk XLH: Presentation in children  
Francesco Emma (*Italy*)
- 13:00 Bringing the radiologist into the conversation  
Rui Santos
- 13:15 Now we're talking: Improving treatment outcomes for children with XLH  
Francesco Emma (*Italy*), Rui Santos (*United Kingdom*)
- 13:25 Q&A and discussion  
Francesco Emma (*Italy*), Rui Santos (*United Kingdom*)
- 13:40 Summary and close  
Francesco Emma (*Italy*)

Saturday, 30 SEPTEMBER 2023

XLH, X-linked hypophosphataemia.

This promotional symposium is organised and funded by Kyowa Kirin and will contain data about Kyowa Kirin products. This event is intended for healthcare professionals only who are registered for ESPN 2023.

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## SATURDAY, 30 SEPTEMBER 2023 – INDUSTRY SYMPOSIA

12:45–13:45 | ROOM ZETA

**RECORDATI RARE DISEASES INDUSTRY SYMPOSIUM  
ENHANCING OUTCOMES; REDUCING LIFETIME CHALLENGES  
BEST PRACTICE IN EARLY YEARS CYSTINOSIS CARE**



Introduction – challenges of cystinosis  
**Jun Oh** (*Germany*)

Optimising clinical management and outcomes; delivering the value of early treatment  
**Detlef Bockenbauer** (*Belgium*)

A transition programme model for kidney-transplanted patients from paediatric to adult care services  
**Yael Borovitz** (*Israel*)

The ophthalmologist's role; Enhancing ocular and corneal outcomes and supporting the MDT  
**Hong Liang** (*France*)

Close – What does best practice look like; hopes for the future  
**Jun Oh** (*Germany*)

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Prepared in May 2023 | ALL\_23\_281



# Novartis-sponsored symposium on rare complement- mediated kidney diseases

## ESPN 2023

## Rare complement-mediated kidney diseases: Current perspectives and future prospects in C3G and IC-MPGN

Friday, 29<sup>th</sup> September | 12:45–13:45 (EEST) | ESPN 2023

Room: Zeta, Radisson Blu Hotel Lietuva, Vilnius, Lithuania

### Welcome from the Chair

On behalf of the faculty, I would like to welcome you to this live and virtual Novartis-sponsored symposium at ESPN. Today's program will examine the current challenges in diagnosing and managing C3G and IC-MPGN. We will also discuss how our knowledge of the complement system translates to new therapeutic targets in C3G and IC-MPGN, going on to explore the clinical evidence for therapeutics that target the alternative complement pathway in these patients. I am pleased that our program includes dedicated time for questions and answers; we warmly encourage your active participation during this session. We hope you enjoy what we anticipate will be an interesting and informative session.

### Christoph Licht

*The Hospital for Sick Children, Toronto, Ontario, Canada*

### Agenda



#### 12:45 Welcome and introduction

Chair: Christoph Licht, *The Hospital for Sick Children, Canada*



#### 12:47 Translating knowledge of the complement system to new therapeutic targets: overcoming current challenges in C3G and IC-MPGN

Christoph Licht, *Canada*



#### 13:07 The burden of C3G recurrence: what do we know from a clinical and patient perspective?

Burkhard Tönshoff, *Germany*



#### 13:17 Alternative complement pathway inhibition: clinical evidence in C3G and IC-MPGN

Nicholas Webb, *Novartis, Basel*



#### 13:32 Audience Q and A, followed by closing remarks

All faculty, *Moderated by: Christoph Licht, Canada*

Friday, 29<sup>th</sup> September 2023  
12:45–13:45 (EEST)

Room: Zeta, Radisson Blu  
Hotel Lietuva, Vilnius, Lithuania

### Faculty



**Christoph Licht**  
(Chair)

Head, Division of Nephrology,  
The Hospital for Sick Children,  
Toronto, Ontario,  
Canada



**Burkhard Tönshoff**

Professor of Pediatrics  
and Pediatric Nephrology,  
University Children's Hospital  
Heidelberg, Germany



**Nicholas Webb**

Senior Clinical Development  
Medical Director, Cardio-  
Renal-Metabolic Unit,  
Global Drug Development,  
Novartis Pharma AG, Switzerland

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