18th Congress of the International Pediatric Nephrology Association
Venice (Italy), October 17-21, 2019

PRELIMINARY PROGRAM
CONGRESS HONORARY PRESIDENT
Alberto Edefonti (Italy)

MANAGING SECRETARIES
Francesco Emma (Italy)
Giovanni Montini (Italy)

PRESIDENT OF THE SCIENTIFIC COMMITTEE
Julie Ingelfinger (USA)
Dear friends and colleagues,

It is our great pleasure and privilege to invite you for the 18th triannual meeting of the International Pediatric Nephrology Association.

It will take place on 17-21st October 2019 in the unique city of Venice, Italy, famous around the globe for its glorious architecture, magical atmosphere and rich cultural heritage.

The congress itself will be held on Venice Lido, a peaceful barrier island that separates the Venetian Lagoon from the Adriatic Sea, which is only a few minutes from Venice’s historic center by vaporetto.

There will be a scientific program to match the creative and technological inventiveness of the location: inspiring, engaging and cutting edge.

The Scientific Committee, chaired by Julie Ingelfinger, has developed a comprehensive and up-to-date program, that will meet the desires of participants from across the world, with special attention to both the developed and under-resourced areas.

Practical pediatric nephrology together with clinical and basic research will be highlighted through the 3 days Conference. There will be 15 master classes, 60 symposia and a number of oral communications and poster sessions.

Five pre-Congress meetings will focus on practical aspects of the management of children with kidney diseases and will be intended for fellows-in-training and practicing pediatric nephrologists.

See you in Venice!

Alberto Edefonti
Francesco Emma
Giovanni Montini

Congress Honorary President
Managing Secretaries
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<th>DAY</th>
<th>Time</th>
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<tr>
<td>Thursday</td>
<td>08.30-10.30</td>
<td>Renal Pathology</td>
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<td>10.30-11.00</td>
<td>Bladder Dysfunction</td>
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<td>11.00-13.00</td>
<td>Dialysis in children</td>
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<td>13.30-14.15</td>
<td>Hypertension, Transplantation/Pathology of Transplantation</td>
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<td>14.30-16.30</td>
<td>Clinical investigation: from study design to publication</td>
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<td>Friday</td>
<td>07.30-08.30</td>
<td>Masterclass: Diagnostic work up of acute renal failure and haematuria</td>
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<td>08.30-10.30</td>
<td>IgA Nephropathy</td>
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<td>10.30-11.00</td>
<td>STEC-HUS, Innovations in diagnostics and therapies in kidney transplantation</td>
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<td>11.00-13.00</td>
<td>Infection and immune-mediated glomerular diseases</td>
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<td>14.30-16.30</td>
<td>Non genetic forms of SRNS, Cardiovascular disease in CKD, Technical aspects of chronic hemodialysis, Renal involvement in children with vasculitis and SLE, Tubular defects 2, Mechanisms of hypertension</td>
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<td>16.30-17.00</td>
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<td>17.00-18.30</td>
<td>OPENING CEREMONY</td>
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<td>18.30-19.30</td>
<td>WELCOME RECEPTION</td>
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</table>
| 07.30-08.30 | Masterclass: Guidance for UTI and rickets  
Masterclass: Disorders of sodium  
Masterclass: Protocol biopsies in kidney transplantation  
Masterclass: Transition |
| 08.30-09.00 | State of the Art 1 |
| 09.00-09.30 | Keynote Address 1 |
| 09.30-10.30 | Break |
| 10.30-11.00 | Break |
| 11.00-13.00 | Alport Syndrome  
CRRT  
Complications of renal transplantation  
C3GN  
Nephrolithiasis in childhood  
Special issues in pediatric nephrology |
| 13.15-14.15 | Challenges in aHUS: a case-based approach  
Management of patients suffering from nephropathic cystinosis & ocular complications  
A Rare and Burdensome Disease: Primary Hyperoxaluria Type 1  
Poster walk |
| 14.30-16.30 | Steroid sensitive nephrotic syndrome  
Basic science  
Urinary tract infections  
Special issues in renal replacement therapy  
IgA Nephropathy and Henoch Schonlein purpura  
Nephropathy  
Ciliopathies  
Role of plasma exchange/immunoadsorption in kidney disease |
| 16.30-17.00 | Break |
| 17.00-18.30 | IPNA GENERAL ASSEMBLY |
| 18.30-20.00 | ESPN GENERAL ASSEMBLY |
### PROGRAM AT A GLANCE

**DAY 3**

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<tr>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>07.30-08.30</td>
<td>KeyNote Address 2</td>
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<tr>
<td>09.00-09.30</td>
<td>Challenges in the treatment of SRSN</td>
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<tr>
<td>09.30-10.30</td>
<td>Masterclass: Hypertension</td>
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<tr>
<td>10.30-11.00</td>
<td>Masterclass: PH in CKD</td>
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<tr>
<td>11.00-13.00</td>
<td>The kidney and beyond: striving for excellence in cystinosis care</td>
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<tr>
<td>13.15-14.15</td>
<td>Biological molecules for the treatment of SSNS</td>
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<tr>
<td>14.30-16.30</td>
<td>Masterclass: Nephrocalcinosis</td>
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<td>16.30-17.00</td>
<td>Non-steroidal treatment of steroid sensitive nephrotic syndrome</td>
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<tr>
<td>17.00-18.00</td>
<td>Masterclass: Controversy on genetic screening for CxKJ</td>
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<td>18.00-19.00</td>
<td>IPNA Registry data</td>
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**NETWORKING DINNER AND IPNA AWARDS - THE VENETIAN ARSENAL**

<table>
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<tr>
<th>Time</th>
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<tr>
<td>08.30-10.30</td>
<td>Blitz poster presentation</td>
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<tr>
<td>10.30-11.00</td>
<td>State of the Art 2</td>
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<tr>
<td>11.30-12.00</td>
<td>IPNA Fellowship Meeting</td>
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<td>12.00-12.30</td>
<td>Closing remarks</td>
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18th Congress of the International Pediatric Nephrology Association
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Preliminary Program
THURSDAY 17 OCTOBER 2019
Pre-congress day

PALAZZO DEL CASINÒ - SALA PERLA

Bladder dysfunction
Chairpersons:

SESSION I: BLADDER DYSFUNCTION
08:30-08:35  Introduction
Johan Van de Walle (Ghent, Belgium)
08:35-09:00  Update on ICCS guidelines
Michal Maternik (Gdansk, Poland)
09:00-09:30  Daytime urinary incontinence: diagnostic approach
Larisa Kovacevic (Detroit, MI, United States)
09:30-10:00  Daytime incontinence: therapeutic approach
Ann Raes (Ghent, Belgium)
10:00-10:30  Urodynamics for the Pediatric Nephrologist
Kostas Kamperis (Aarhus, Denmark)
10:30-11:00  Break

SESSION II: COMORBIDITY AND TREATMENT ASPECTS
11:00-11:30  Sleep and circadian rhythm
Larisa Kovacevic (Detroit, MI, United States)
11:30-12:00  New aspects of bowel dysfunction
Soren Rittig (Aarhus, Denmark)
12:00-12:30  Urotherapy - Who, how and when?
Ann Raes (Ghent, Belgium)
12:30-13:00  Update on pharmacotherapy
Michal Maternik (Gdansk, Poland)
13:00-14:30  Break

THURSDAY 17 OCTOBER 2019
Pre-congress day

PALAZZO DEL CASINÒ - SALA PERLA

Bladder dysfunction
Chairpersons:

SESSION III: PATHOPHYSIOLOGY
14:30-15:00  Pathogenesis of monosymptomatic enuresis
With special emphasis on the kidney and nocturnal polyuria
Soren Rittig (Aarhus, Denmark)
15:00-15:30  Enuresis / polyuria in renal diseases and treatment
Johan Van de Walle (Ghent, Belgium)
15:30-16:00  Monosymptomatic enuresis: diagnostic approach
Yoshiyuki Ohtomo (Tokyo, Japan)
16:00-16:30  Desmopressin: how to use?
Lien Dossche (Ghent, Belgium)
16:30-17:00  Break

SESSION IV: TREATMENT ASPECTS
17:00-17:20  The alarm: how and when to use?
Kostas Kamperis (Aarhus, Denmark)
17:20-17:40  Neuromodulation: how, when and who?
Soren Rittig (Aarhus, Denmark)
17:30-18:00  How to handle the difficult patient: individualized therapeutic approach
Johan Van de Walle (Ghent, Belgium)
18:00-18:30  Setting up an enuresis clinic - network: the Chinese experience
Jianhua Mao (Hangzhou, China)
18:30-19:00  Cases
Soren Rittig (Aarhus, Denmark)
Johan Van de Walle (Ghent, Belgium)
THURSDAY 17 OCTOBER 2019
Pre-congress day

PALAZZO DEL CINEMA - SALA PASINETTI

Renal pathology
Chairpersons:

MORNING SESSION
08:30-09:30  C3GN and atypical postinfectious GN - a continuum?
             Jan Becker (Köln, Germany)
09:30-10:30  Pathology of the nephrotic syndrome
             Francesca Diomedi Camassei (Rome, Italy)
10:30-11:00  Break
11:00-12:00  IgAN and HSP in children
             Agnes Fogo (Nashville, TN, United States)
12:00-13:00  Renal vasculitis - an update
             Andrea Onetti Muda (Rome, Italy)
13:00-14:30  Break

Renal pathology afternoon session will join Transplantation session in Sala Casinò (Palazzo del Casinò)

THURSDAY 17 OCTOBER 2019
Pre-congress day

PALAZZO DEL CINEMA - SALA PASINETTI

Clinical investigation: from study design to publication
Chairpersons:

14:30-14:55  How to identify a suitable research topic
             Franz Schaefer (Heidelberg, Germany)
14:55-15:20  How to set up a research framework
             Karolis Azukaitis (Vilnius, Lithuania)
15:20-15:45  How to set up a smart trial design and statistical analysis plan
             Jerome Harambat (Bordeaux, France)
15:45-16:15  How to write a good research paper
             Julie Ingelfinger (Boston, MA, United States)
16:15-16:30  Discussion
16:30-17:00  Break
17:00-19:00  Interactive session:
             Planning of a clinical trial from idea to publication based on attendees' proposals
THURSDAY 17 OCTOBER 2019
Pre-congress day

PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Dialysis in children
Chairpersons:
08:15-08:30 Opening remarks
Rukshana Shroff (London, United Kingdom)
Mignon McCulloch (Cape Town, South Africa)

INFANT DIALYSIS
Chairpersons: Lesley Rees (London United Kingdom), Johan van de Walle (Ghent, Belgium)
08:30-08:45 Extracorporeal dialysis in the infant
David Askenazi (Birmingham, AL, United States)
08:45-09:00 Acute PD in the infant
Mignon McCulloch (Cape Town, South Africa)
09:00-09:15 Managing the infant on chronic dialysis
Bradley Warady (Kansas City, MO, United States)
09:15-09:30 The ethics of infant dialysis
Lore Willem (Leuven, Belgium)
09:30-10:00 Panel discussion
10:00-10:15 Break

THURSDAY 17 OCTOBER 2019
Pre-congress day

PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Dialysis in children
Chairpersons:
10:15-10:35 Role of CRRT
Tim Bunchman (Richmond, VA, United States)
10:35-10:55 Role of SLED & acute HD
Sidharth Sethi (Gurugram, India)
10:55-11:15 Role of acute PD
Peter Nourse (Cape Town, South Africa)
11:15-11:45 Panel discussion
11:45-12:00 Preventing infections in children on PD
Alicia Neu (Baltimore, MD, United States)
12:00-12:15 Fluid management on chronic dialysis
Fabio Paglialonga (Milan, Italy)
12:15-12:30 Vascular access for chronic haemodialysis
Rukshana Shroff (London, United Kingdom)
12:30-12:45 Intensified dialysis treatments
Claus Schmitt (Heidelberg, Germany)
12:45-13:15 Panel discussion
13:15-14:30 Break
**THURSDAY 17 OCTOBER 2019**

**Pre-congress day**

**Dialysis in children**

*Chairpersons:*

**WORKSHOPS**

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<tr>
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<th>Topic</th>
<th>Speakers</th>
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<tr>
<td>14:30-15:15</td>
<td>Acute PD - practical approach</td>
<td>Chris Esezobor (Lagos, Nigeria)</td>
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<td>Mignon McCulloch (Cape Town, South Africa)</td>
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<td>Acute HD - practical approach</td>
<td>Tim Bunchman (Richmond, VA, United States)</td>
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<td>Rupesh Raina (Akron, OH, United States)</td>
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<td>Sidharth Sethi (Gurugram, India)</td>
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<td>16:16-17:00</td>
<td>Chronic PD - optimising the PD prescription for patient needs</td>
<td>Francisco Cano (Zaragoza, Chile)</td>
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<td>Rukshana Shroff (London, United Kingdom)</td>
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<td>17:00-17:45</td>
<td>Chronic HD - optimising the HD prescription for patient needs</td>
<td>Enrico Vidal (Padua, Italy), Brad Warady (Kansas City, MO, United States)</td>
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**Hypertension**

*Chairpersons:*

**AMBULATORY BP UPDATE**

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<tr>
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<tr>
<td>08:30-08:55</td>
<td>Recommendations of assessment of Ambulatory and Home BP in youth</td>
<td>Empar Lurbe (Valencia, Spain)</td>
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<tr>
<td>08:55-09:20</td>
<td>Controversies in ABPM monitoring</td>
<td>Mark Mitsnefes (Cincinnati, OH, United States)</td>
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<td>09:20-09:45</td>
<td>Target organ damage with ABPM</td>
<td>Stella Stabouli (Thessaloniki, Greece)</td>
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<td>09:45-10:10</td>
<td>Interventions that lower ABPM in youth</td>
<td>Elke Wuehl (Heidelberg, Germany)</td>
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<td>10:30-11:00</td>
<td>Break</td>
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<tr>
<td>11:00-11:40</td>
<td>Debate: home BP monitoring is just as good as ABPM to diagnose HTN</td>
<td>Speaker TBD ( Atlanta, GA, United States)</td>
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**THURSDAY 17 OCTOBER 2019**

**Pre-congress day**

**PALAZZO DEL CASINÒ - SALONE MOSAICI 2**

**Hypertension**

*Chairpersons:*

**CONTROVERSIES IN CHILDHOOD HTN**

14:30-15:00  Are obesity hypertension and primary hypertension the same disease?
Mieczyslaw Litwin (Warsaw, Poland)

15:00-15:30  Imaging in childhood hypertension
Kjell Tullus (London, United Kingdom)

15:30-16:00  LVM: how to measure and what cut-point to use
Elaine Urbina (Cincinnati, OH, United States)

16:00-16:30  What is the best antihypertensive agent for use in children?
Joseph Flynn (Seattle, WA, United States)

16:30-17:00  Break

17:00-19:00  Difficult cases in HTN - Panel discussion
Don Batisky (Atlanta, GA, United States)
Julie Ingelfinger (Boston, MA, United States)
Mieczyslaw Litwin (Warsaw, Poland)
Elke Wuehl (Heidelberg, Germany)

**THURSDAY 17 OCTOBER 2019**

**Pre-congress day**

**PALAZZO DEL CASINÒ - SALA CASINÒ**

**Transplantation**

*Chairpersons:*

**IMMUNOLOGICAL ASPECTS OF RENAL TRANSPLANTATION**

08:30-09:00  Tolerance induction in renal transplantation
Ulf H. Beier (Philadelphia, PA, United States)

09:00-09:30  The role of HLA epitopes and future matching strategies
Caner Süsal (Heidelberg, Germany)

09:30-10:00  Desensitization protocols in highly sensitized pediatric patients
Stephen Marks (London, United Kingdom)

10:00-10:30  Kidney transplantation in small children
Timo Jahnukainen (Helsinki, Finland)

10:30-11:00  Break

**INFECTIOUS COMPLICATIONS AND DISEASE RECURRENCE**

11:00-11:30  Update on CMV and EBV
Britta Höcker (Heidelberg, Germany)

11:30-12:00  Novel vaccines in pediatric renal transplantation
Sara Testa (Milan, Italy)

12:00-12:30  Recurrence of steroid-resistant nephrotic syndrome
Antonia Bouts (Amsterdam, The Netherlands)

12:30-13:00  Eculizumab post-transplant: When to use and when to stop
Christoph Licht (Toronto, ON, Canada)

13:00-14:30  Break

**TRANSMPLANTATION AND PATHOLOGY FO RTRANSMPLANTATION JOINT SESSION**

14:30-15:10  The current Banff classification of renal allograft histopathology
Francesca Diomedi Camassei (Rome, Italy)

15:20-16:10  C4d positive ABMR transplants
Jan Becker (Köln, Germany)

16:10-17:00  C4d negative ABMR transplants
Agnes Fogo (Nashville, TN, United States)
FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1
PLENARY HALL & SESSION 1 - PALAZZO DEL CINEMA - SALA GRANDE

Non genetic forms of SRNS symposium
Supported by La Nuova Speranza
Chairpersons:
08:30-09:00 Epidemiology of IgA nephropathy in children
Yuko Shima (Wakayama, Japan)
09:00-09:30 Lessons from GWAS studies
Krzysztof Kiryluk (New York, NY, United States)
09:30-10:00 Risk factors for progression in children
Rosanna Coppo (Turin, Italy)
10:00-10:30 Oral Communications
10:30-11:00 Break

Epidemiology of CKD and ESKD according to Registry data
Chairpersons:
11:00-11:30 Clinical outcomes and survival in the NAPRTCS
Jack Weaver (Charlotte, NC, United States)
11:30-12:00 Clinical aspects of children on dialysis in the ESP-ERA-EDTA Registry
Jaap Groothoff (Amsterdam, The Netherlands)
12:00-12:30 Data from the Japanese Registry
Kenji Ishikura (Tokyo, Japan)
12:30-13:00 Data from the Australia-New Zealand Registry
Nicholas Larkins (Perth, WA, Australia)
13:00-13:30 The oxaleurope registry
Sally-Anne Hulton (Birmingham, United Kingdom)
13:30-14:15 Break

FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1
PLENARY HALL & SESSION 1 - PALAZZO DEL CINEMA - SALA GRANDE

Non genetic forms of SRNS symposium
Supported by La Nuova Speranza
Chairpersons:
14:30-15:00 Pathogenesis of nephrotic syndrome: the role of podocyte lipids
Alessia Fornoni (Miami, FL, United States)
15:00-15:30 Data from the Podonet Registry
Agnes Trautmann (Heidelberg, Germany)
15:30-16:00 New potential treatments
Howard Trachtman (New York, NY, United States)
16:00-16:30 Oral communications
16:30-17:00 Break

Opening ceremony
17:00-17.40 KEYNOTE LECTURE
Genetic approaches to metabolic bone disease in children
Raj Thakker (Oxford, United Kingdom)
17.40-18.10 Title TBD
James Newhouse (Venice, Italy)
18:30-19:30 Welcome reception

SESSION 2 - PALAZZO DEL CINEMA - SALA PASINETTI

Masterclass: Diagnostic work-up of acute renal failure and hematuria
Chairpersons:
7:30-08:00 Diagnostic work-up of hematuria
Qian Shen (Shanghai, China)
08:00-08:30 Diagnostic work-up of acute renal failure
Patrick Brophy (Iowa city, IA, United States)
FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1

SESSION 3 - PALAZZO DEL CASINÒ - SALA PERLA

Masterclass: Renal disease screening
Chairpersons:
07:30-08:00 The role of urinary screening for renal diseases Il-Soo Ha (Seoul, Korea)
08:00-08:30 Ultrasound screening for renal diseases Alfonso Huante (Mexico City, Mexico)

STEC-HUS
Chairpersons:
08:30-09:00 The epidemiology of eHUS. Lessons from registries Gaia Scavia (Rome, Italy)
09:00-09:30 Advances in symptomatic treatment Özgür Söylemezoglu (Ankara, Turkey)
09:30-10:00 Is there evidence that complement is involved in eHUS and what are the implications? Marina Noris (Bergamo, Italy)
10:00-10:30 Argentinian Experience -decades with eHUS Marta Adragna (Buenos Aires, Argentina)
10:30-11:00 Break

Infection and immune-mediated glomerular diseases
Chairpersons:
11:00-11:30 HIV nephropathy Rajendra Bhimma (Durban, South Africa)
11:30-12:00 Infection-related glomerulonephritides William Wong (Auckland, New Zealand)
12:00-12:30 Membranous nephropathy: treatment Rudolph Valentini (Detroit, MI, United States)
12:30-13:00 Membranous nephropathy: etiology Pierre Ronco (Paris, France)
13:15-14:15 Break

Cardiovascular disease in CKD
Chairpersons:
14:30-15:00 CKD- metabolic bone disease Rukshana Shroff (London, United Kingdom)
15:00-15:30 The heart in children on dialysis Mark Mitsnefes (Cincinnati, OH, United States)
15:30-16:00 Highlights from the 4C trial Franz Schaefer (Heidelberg, Germany)
16:00-16:30 Break
FRIDAY 18 OCTOBER 2019

IPNA 2019 - Day 1

SESSION 4 - PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Masterclass: Controversies in STEC-HUS
Chairpersons:
07:30-08:00  Controversies in STEC-HUS: conventional supportive therapies
             Gianluigi Ardissino (Milan, Italy)
08:00-08:30  Controversies in STEC-HUS: novel therapies
             Mark Bitzan (Dubai, United Arab Emirates)

Innovations in diagnostics and therapies in kidney transplantation
Chairpersons:
08:30-09:00  Leveraging the tumor microenvironment for new therapies to promote tolerance in solid organ transplant
             Ulf Beier (Philadelphia, PA, United States)
09:00-09:30  Urinary biomarkers predicting kidney transplant rejection in children
             Sandra Amaral (Philadelphia, PA, United States)
09:30-10:00  New interventions to promote adherence in adolescents with a kidney transplant
             Bethany Foster (Montreal, QC, Canada)
10:00-10:30  Kidney transplantation in under-resourced areas
             Arpana Iyengar (Bangalore, India)
10:30-11:00  Break

Pediatric and adolescent hypertension (in association with the IPHA)
Chairpersons:
11:00-11:30  The US/AAP and EU/ESH Guidelines
             Joseph Flynn (Washington, WA, United States)
11:30-12:00  Assessing cardiovascular disease in hypertensive children
             Mark Mitsnefes (Cincinnati, OH, United States)
12:00-12:30  Hypertension in metabolic syndrome
             Mieczyslaw Litwin (Warsaw, Poland)
12:30-13:00  Is routine BP and urinary dipstick evaluation advisable?
             Julie Ingelfinger (Boston, MA, United States)

How to improve outcomes in paediatric dialysis
Organized by Fresenius Medical Care
Chairpersons: Rukshana Shroff (London, United Kingdom), Lisa Sartz (Lund, Sweden)
13:15-13:20  Introduction
             Lisa Sartz (Lund, Sweden)
13:20-13:45  HDF in children: should it be the new standard of care?
             Rukshana Shroff (London, United Kingdom)
13:45-14:10  Prescribing the treatment and practical aspects in PD
             Lisa Sartz (Lund, Sweden)
14:10-14:15  Conclusions
             Rukshana Shroff (London, United Kingdom)
FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1

SESSION 4 - PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Technical aspects of chronic hemodialysis
Chairpersons:
14:30-15:00 Is hemodiafiltration the best extra-corporeal dialysis option? Salim Caliskan (Istanbul, Turkey)
15:00-15:30 Recommendations on vascular access Costantinos Stefanidis (Athens, Greece)
15:30-16:00 Monitoring dialysis adequacy Alicia Neu (Baltimore, MD, United States)
16:00-16:30 Oral communications
16:30-17:00 Break

FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1

SESSION 5 - PALAZZO DEL CASINÒ - SALONE MOSAICI 2

Masterclass: Renal tumors
Chairpersons:
07:30-08:00 Renal tumors in tuberous sclerosis Peter Trnka (Brisbane, QLD, Australia)
08:00-08:30 Wilm’s tumor Filippo Spreafico (Milan, Italy)

Pathophysiology of CKD
Chairpersons:
08:30-09:00 Uremic toxins Evelyn Snauwaert (Gent, Belgium)
09:00-09:30 The role of the microbiome in uremic toxicity Ibrahim Shatat (Doha, Qatar)
09:30-10:00 Metabolic bone disease in CKD Justine Bacchetta (Lyon, France)
10:00-10:30 Determinants of progression in CKD Elke Wuehl (Heidelberg, Germany)
10:30-11:00 Break
SESSION 5 - PALAZZO DEL CASINÒ - SALONE MOSAICI 2

FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1

Genetic forms of SRNS
Chairpersons:
11:00-11:30  SRNS and mental retardation
Olivia Boyer (Paris, France)
11:30-12:00  SRNS in mitochondrial cytopathies
Leonardo Salvati (Padua, Italy)
12:00-12:30  Strategies for diagnosis
Beata Lipska (Gdansk, Poland)
12:30-13:00  Oral communications

An innovative therapeutic approach for patients with X-linked hypophosphataemia (XLH)
Organized by Kyowa Kirin
Chairperson: Francesco Emma (Rome, Italy)
13:15-13:20  Welcome and introduction
Francesco Emma (Rome, Italy)
13:20-13:35  Pathophysiology and diagnosis of XLH
Justine Bacchetta (Lyon, France)
13:35-13:55  Clinical development of burosumab
Anthony Portale (San Francisco, CA, United States)
13:55-14:05  First experiences with burosumab in clinical practice
Franz Schaefer (Heidelberg, Germany)
14:05-14:15  Q&A and closing remarks
All Francesco Emma (Rome, Italy)
### FRIDAY 18 OCTOBER 2019
#### IPNA 2019 - Day 1

### SESSION 6 - PALAZZO DEL CASINÒ - SALA CASINÒ

#### Masterclass: Familial hypomagnesemia and cystinosis
**Chairpersons:**

**07:30-08:00** Familial hypomagnesemia with hypercalciuria and nephrocalcinosis  
Gema Ariceta (Barcelona, Spain)

**08:00-08:30** Cystinosis  
Eva Elenberg (Houston, TX, United States)

#### Proximal tubulopathies
**Chairpersons:**

**08:30-09:00** The proximal tubule in metabolic diseases  
Fernando Santos (Oviedo, Spain)

**09:00-09:30** Dent disease  
Rosa Vargas-Possou (Paris, France)

**09:30-10:00** Lowe syndrome  
Detlef Bockenhauer (London, United Kingdom)

**10:00-10:30** Oral communications

**10:30-11:00** Break

### SESSION 6 - PALAZZO DEL CASINÒ - SALA CASINÒ

#### Tubular defects 1
**Chairpersons:**

11:00-11:30 Genetic forms of hypercalciuria  
Karl Peter Schlingmann (Münster, Germany)

11:30-12:00 Renal hypomagnesemia  
Martin Konrad (Münster, Germany)

12:00-12:30 Urinary markers of renal tubular damage  
Prasad Devarajan (Cincinnati, OH, United States)

12:30-13:00 Oral communications

#### New insights in the pathophysiology and diagnosis of chronic kidney disease: a focus on Alport Syndrome
*Organized by Reata Pharmaceuticals, Inc.*

**Chairpersons:**

13:15-13:40 An update on the proposed reclassification of Alport Syndrome  
Bradley Warady (Kansas City, MO, United States)

13:40-14:05 The science of Nrf2: evolving understanding of CKD progression  
Rajiv Agarwal (Indiannapolis, IN, United States)

14:05-14:15 Q&A  
Bradley Warady (Kansas City, MO, United States)
FRIDAY 18 OCTOBER 2019
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SESSION 6 - PALAZZO DEL CASINÒ - SALA CASINÒ

Tubular defects 2
Chairpersons:
14:30-15:00 Pseudohypoaldosteronisms
Rosa Vargas-Possou (Paris, France)
15:00-15:30 Bartter syndrome: update
Kandai Nozu (Kobe, Japan)
15:30-16:00 Gitelman syndrome: update
Nine Knoers (Groningen, The Netherlands)
16:00-16:30 Oral communications
16:30-17:00 Break

FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1

SESSION 7 - PALAZZO DEL CASINÒ - SALA DELLE FESTE

Masterclass: Drug monitoring
Chairpersons:
07:30-08:00 Therapeutic drug monitoring of immunosuppressive drugs
Guido Filler (London, ON, Canada)
08:00-08:30 Long term outcome of steroid dependent nephrotic syndrome in children
Jun Oh (Hamburg, Germany)

Renal pathology
Chairpersons:
08:30-09:00 Clinic-pathological discussions
Agnes Fogo (Nashville, TN, United States)
Andrea Onetti Muda (Rome, Italy)
09:00-09:20 Case #1
Eugene Chan (Hong Kong)
09:20-09:40 Case #2
Alfonso Huante (Mexico City, Mexico)
09:40-10:00 Case #3
Julien Hogan (Paris, France)
10:00-10:30 The place of renal biopsy in 2019
Agnes Fogo (Nashville, TN, United States)
FRIDAY 18 OCTOBER 2019
IPNA 2019 - Day 1

SESSION 7 - PALAZZO DEL CASINÒ - SALA DELLE FESTE

Combined liver-kidney transplant in inherited renal diseases
Chairpersons:
11:00-11:30 Combined liver and kidney transplantation in methylmalonic acidemia
Luca Dello Strologo (Rome, Italy)
11:30-12:00 Liver-kidney transplantation in primary hyperoxaluria
Craig Langman (Evanston, IL, United States)
12:00-12:30 Liver-kidney transplantation in ARPKD
Markus Kemper (Hamburg, Germany)
12:30-13:00 Oral communications
13:15-14:15 Break

Mechanisms of hypertension
Chairpersons:
14:30-15:00 The biology of hypertension in children
Ihor Yosypiv (New Orleans, LA, United States)
15:00-15:30 Renovascular hypertension
Kjell Tullus (London, United Kingdom)
15:30-16:00 Work-up and management of resistant hypertension
Stella Stabouli (Thessaloniki, Greece)
16:00-16:30 Oral communications

SATURDAY 19 OCTOBER 2019
IPNA 2019 - Day 2

PLENARY HALL & SESSION 1 - PALAZZO DEL CINEMA - SALA GRANDE

Plenary session
Chairpersons:
08:30-09:00 KEYNOTE LECTURES
Novel aspects of immune mechanisms of glomerulopathies: implications for pediatric nephrology
Pierre Ronco (Paris, France)
09:00-09:30 Immune mechanisms and related novel therapy in vasculitides in the young
David Jayne (Cambridge, United Kingdom)
09:30-10:30 Blitz poster presentation
10:30-11:00 Break

Alport Syndrome
Supported by the Alport Syndrome Foundation
Chairpersons: Clifford Kashtan (Minneapolis, MN, United States), L. Massella (Rome, Italy)
11.00-11.30 The basement membrane-- basic studies of its components
Rachel Lennon (Manchester, United Kingdom)
11.30-12.00 Genetics and development of exon-skipping therapy for Alport Syndrome
Kandai Nozu (Kobe, Japan)
12.00-12.30 Clinical update including new pharmacologic approaches
Michelle Rheault (Minneapolis, MN, United States)
12:30-13:00 Oral communications
13:15-14:15 Break
**SATURDAY 19 OCTOBER 2019**

**IPNA 2019 - Day 2**

**PLENARY HALL & SESSION 1 - PALAZZO DEL CINEMA - SALA GRANDE**

**Steroid sensitive nephrotic syndrome**

*Chairpersons:*

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<th>Time</th>
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<th>Speaker/Location</th>
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<tbody>
<tr>
<td>14:30-15:00</td>
<td>Childhood NS-- does the initial treatment modify outcome?</td>
<td>Andrea Pasini (Bologna, Italy)</td>
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<td>15:00-15:30</td>
<td>Treatment of relapses</td>
<td>Georges Deschenes (Paris, France)</td>
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<tr>
<td>15:30-16:00</td>
<td>Childhood-onset nephrotic syndrome persisting in adulthood</td>
<td>Debby Gipson (Ann Arbor, MI, United States)</td>
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<td>16:00-16:30</td>
<td>Oral communications</td>
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<td>16:30-17:00</td>
<td>Break</td>
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**IPNA General Assembly**

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<td>17:00-19:00</td>
<td>IPNA General Assembly</td>
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**POSTER SESSION - PALAZZO DEL CASINÓ - SALONE ADRIATICO E LAGUNA**

**Poster walk**

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<tr>
<td>13:15-14:15</td>
<td>Poster walk</td>
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**SATURDAY 19 OCTOBER 2019**

**IPNA 2019 - Day 2**

**SESSION 2 - SALA PASINETTI**

**Basic aspects of podocyte biology**

*Chairpersons:*

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<th>Time</th>
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<tr>
<td>14:30-15:00</td>
<td>Development of Podocytes and miRNAs</td>
<td>Speaker TBD</td>
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<td>15:00-15:30</td>
<td>Metabolic control of podocyte function</td>
<td>Tobias Huber (Freiburg, Germany)</td>
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<td>15:30-16:00</td>
<td>Epigenetics and Control of Glomerular Development</td>
<td>Nicola Wanner (Hamburg, Germany)</td>
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<tr>
<td>16:00-16:30</td>
<td>Oral Communications</td>
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<td>16:30-17:00</td>
<td>Break</td>
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**SATURDAY 19 OCTOBER 2019**

**IPNA 2019 - Day 2**

**SESSION 3 - PALAZZO DEL CASINÒ - SALA PERLA**

**Masterclass: Guidance for UTI and rickets**

*Chairpersons:*

- **07:30-08:00** Guidance for UTI
  - Tej Matoo *(Detroit, MI, United States)*

- **08:00-08:30** Guidance for rickets
  - Dieter Haffner *(Hannover, Germany)*

**CRRT**

- **11:00-11:30** The evolution of pediatric continuous renal replacement therapy
  - Claudio Ronco *(Vicenza, Italy)*

- **11:30-12:00** Anticoagulation in CRRT
  - Isabella Guzzo *(Rome, Italy)*

- **12:00-12:30** Dose prescription
  - Tim Bunchman *(Richmond, VA, United States)*

- **12:30-13:00** Oral communications

**Challenges in aHUS: a case-based approach**

*Organized by Alexion*

*Chairperson: Larry Greenbaum *(Atlanta, GE, United States)*

- **13:15-13:20** What is aHUS?
  - Larry Greenbaum *(Atlanta, GE, United States)*

- **13:20-13:35** Differential diagnosis of aHUS-thinking beyond the kidney
  - Gema Ariceta

- **13:35-13:55** Management of the kidney transplant recipient
  - Larry Greenbaum *(Atlanta, GE, United States)*

- **13:55-14:05** Family members: to screen or not to screen?
  - Gianluigi Ardissino *(Milan, Italy)*

- **14:05-14:15** Q&A and panel discussion
  - Larry Greenbaum, Gema Ariceta, Gianluigi Ardissino

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**SATURDAY 19 OCTOBER 2019**

**IPNA 2019 - Day 2**

**SESSION 3 - PALAZZO DEL CASINÒ - SALA PERLA**

**Urinary tract infections**

*Chairpersons:*

- **14:30-15:00** Pitfalls in diagnosing a UTI
  - Per Brandstrom *(Göteborg, Sweden)*

- **15:00-15:30** Which imaging following a UTI
  - Ana Cristina Simões e Silva *(Belo Horizonte, Brazil)*

- **15:30-16:00** Recurrent urinary tract infections in high-risk children
  - Pankaj Hari *(New Dehli, India)*

- **16:00-16:30** Oral communications

- **16:30-17:00** Break
SESSION 4 - PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Masterclass: Neonatal dialysis

Chairpersons:

07:30-08:00 The case for peritoneal dialysis
Bradley Warady (Kansas City, MO, United States)

08:00-08:30 Neonatal dialysis: the case for acute hemodialysis
Claudio Ronco (Vicenza, Italy)

Complications of renal transplantation

Chairpersons:

11:00-11:25 BK and JC viruses
Hans Hirsch (Basel, Switzerland)

11:25-11:55 PTLD and tumors in transplant patients
Vikas R. Dharmidharka (St. Louis, MO, United States)

11:55-12:20 Balancing immunosuppression
Mara Medeiros (Mexico City, Mexico)

12:20-13:00 Oral Communications

IPNA 2019 - Day 2

SUNDAY 20 OCTOBER 2019

SESSION 4 - PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Management of patients suffering from nephropatic cystinosis & ocular complications

Organized by Recordati Rare Disease

Chairpersons: Francesco Emma (Rome, Italy), Elena Levchenko (Leuven, Belgium)

07:30-08:00 The case for peritoneal dialysis
Bradley Warady (Kansas City, MO, United States)

08:00-08:30 Neonatal dialysis: the case for acute hemodialysis
Claudio Ronco (Vicenza, Italy)

11:00-11:25 BK and JC viruses
Hans Hirsch (Basel, Switzerland)

11:25-11:55 PTLD and tumors in transplant patients
Vikas R. Dharmidharka (St. Louis, MO, United States)

11:55-12:20 Balancing immunosuppression
Mara Medeiros (Mexico City, Mexico)

12:20-13:00 Oral Communications
SATURDAY 19 OCTOBER 2019
IPNA 2019 - Day 2

SESSION 4 - PALAZZO DEL CASINÒ - SALONE MOSAICI 1
Special issues in renal replacement therapy
Chairpersons:
14:30-15:00 Dialysis and transplantation in children with cognitive impairment
Aaron Wightman (Seattle, WA, United States)
15:00-15:30 Renal replacement therapy in under-resourced areas
Mignon McCulloch (Cape Town, South Africa)
15:30-16:00 Initiating and withdrawing RRT in newborns with ESRD
Pierre Cochat (Lyon, France)
16:00-16:30 Dialysis and transplantation on children with cancer
Sangeeta Hingorani (Seattle, WA, United States)
16:30-17:00 Break

SESSION 5 - PALAZZO DEL CASINÒ - SALONE MOSAICI 2
Masterclass: Disorders of sodium and assessment of intravascular volume in the ICU
Chairpersons:
07:30-08:00 Disorders of sodium
Avram Traum (Boston, Ma, United States)
08:30-09:00 Assessment of Fluid Overload in AKI and ESKD
Wesley Hayes (London, United Kingdom)

SESSION 5 - PALAZZO DEL CASINÒ - SALONE MOSAICI 2
C3 Glomerulopathies
Chairpersons:
11:00-11:30 Pathology of C3 glomerulopathies and clinical presentation
Michio Nagata (Tsukuba, Japan)
11:30-12:00 Assessing the complement pathway in the clinical practice
Nicole van de Kar (Nijmegen, The Netherlands)
12:00-12:30 Treatment of C3 glomerulopathies
Marina Vivarelli (Rome, Italy)
12:30-13:00 Oral communications
13:15-14:15 Break

IgA Nephropathy and Henoch Schonlein Purpura Nephropathy
Chairpersons:
14:30-15:00 Indication for biopsy and histological classification
Licia Peruzzi (Turin, Italy)
15:00-15:30 Treatment of IgAN and HSP nephritis
Koichi Nakanishi (Nakagami-gun, Japan)
15:30-16:00 Forty years of studies in IgAN: what we have learned?
Norishige Yoshikawa (Wakayama, Japan)
16:00-16:30 Oral Communications
16:30-17:00 Break
**SATURDAY 19 OCTOBER 2019**

**IPNA 2019 - Day 2**

**SESSION 6 - PALAZZO DEL CASINÒ - SALA CASINÒ**

**A rare and burdensome disease: primary hyperoxaluria type 1**

Organized by Alnylam

Chairperson: Francesco Emma (Rome, Italy)

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Chairperson(s)</th>
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<tbody>
<tr>
<td>13:15-13:20</td>
<td>Welcome and introduction</td>
<td>Francesco Emma (Rome, Italy)</td>
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<tr>
<td>13:25-13:40</td>
<td>Recognizing PH1 in infants and children: understanding the clinical manifestations of PH1 in infants and children</td>
<td>Daniella Magen (Haifa, Israel)</td>
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<tr>
<td>13:40-13:55</td>
<td>The burden of PH1: assessing the burden of PH1 on patients and their caregivers</td>
<td>Jaap Willem Groothoff (Amsterdam, The Netherlands)</td>
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<td>13:55-14:10</td>
<td>Urinary Oxalate (UOx) as a predictor of renal outcome: reviewing the role of UOx and the current management strategies for PH1</td>
<td>Sally-Anne Hulton (Birmingham, United Kingdom)</td>
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<td>14:10-14:15</td>
<td>Questions and answers</td>
<td>Francesco Emma (Rome, Italy)</td>
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<td>Sally-Anne Hulton (Birmingham, United Kingdom)</td>
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<td>Jaap Willem Groothoff (Amsterdam, The Netherlands)</td>
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<td>Daniella Magen (Haifa, Israel)</td>
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**Masterclass: Protocol biopsies in kidney transplantation**

Chairpersons:

<table>
<thead>
<tr>
<th>Time</th>
<th>Protocol biopsies in kidney transplantation: cons</th>
<th>Ryszard Grenda (Warsaw, Poland)</th>
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<tbody>
<tr>
<td>07:30-08:00</td>
<td>Protocol biopsies in kidney transplantation: pros</td>
<td>Robert Ettenger (Los Angeles, United States)</td>
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**Nephrolithiasis in childhood - An overview**

Chairpersons:

<table>
<thead>
<tr>
<th>Time</th>
<th>The spectrum of kidney stones in children, from idiopathic to inherited</th>
<th>William D. van’t Hoff (London, United Kingdom)</th>
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<tbody>
<tr>
<td>11:00-11:30</td>
<td>Urinary propulsive therapy and other management approaches</td>
<td>Lawrence Copelovitch (Philadelphia, PA)</td>
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<tr>
<td>11:30-12:00</td>
<td>Genetic basis of primary hyperoxalurias</td>
<td>Yacoov Frishberg (Jerusalem, Israel)</td>
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<td>12:00-12:30</td>
<td>Cystinuria</td>
<td>Michelle Baum (Boston, MA, United States)</td>
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SATURDAY 19 OCTOBER 2019
IPNA 2019 - Day 2

SESSION 6 - PALAZZO DEL CASINÒ - SALA CASINÒ

Ciliopathies
Chairpersons:
14:30-15:00 The biology of ciliopathies
Friedhelm Hildebrandt (Boston, MA, United States)
15:00-15:30 Joubert syndrome
Lisa Guay-Woodford (Washington D.C., United States)
15:30-16:00 Nephronophthisis
Neveen A. Soliman (Cairo, Egypt)
16:00-16:30 Oral communications

SESSION 7 - PALAZZO DEL CASINÒ - SALA DELLE FESTE

Masterclass: Transition
Chairpersons:
07:30-08:00 Transition
Maria Ferris (Chapel Hill, NC, United States)
08:00-08:30 Transition of the pediatric nephrology patient to adult nephrology care
Jenny Pruefe (Hannover, Germany)

SATURDAY 19 OCTOBER 2019
IPNA 2019 - Day 2

SESSION 7 - PALAZZO DEL CASINÒ - SALA DELLE FESTE

Special issues in Pediatric Nephrology
Chairpersons:
11:00-11:30 Geographic disparities in kidney disease outcomes
Jerome Harambat (Bordeaux, France)
11:30-12:00 Social disparities and access to treatment
Pepe Ekulu (Kinshasa, Congo)
12:00-12:30 Prevention of chronic kidney disease in under-resourced areas
Hesham Safouh (Cairo, Egypt)
12:30-13:00 Kidney health in zones with conflict - spectrum of kidney diseases among refugee children
Ayşe Balat (Istanbul, Turkey)
13:15-14:15 Break

Role of plasma exchange/immunoadsorption in kidney diseases
Chairpersons:
14:30-15:00 Desensitization in hyper-immunized children waiting for renal transplantation
Lars Pape (Hannover, Germany)
15:00-15:30 ABO-incompatible living-related donor kidney transplantation
Seiichiro Shishido (Tokyo, Japan)
15:30-16:00 Plasma exchange/immunoadsorption for the treatment of immune-mediated SRNS
William Smoyer (Columbus, OH, United States)
16:00-16:30 Oral communications
16:30-17:00 Break
SUNDAY 20 OCTOBER 2019

IPNA 2019 - Day 3

PLENARY HALL & SESSION 1 - PALAZZO DEL CINEMA - SALA GRANDE

Keynote lecture
Chairpersons:
09:00-09:30 Genetic architecture of kidney disease
Olivier Devuyst (Zurich, Switzerland)
09:30-10:30 Blitz poster presentation

Challenges in the treatment of SRSN
Chairpersons:
11:00-11:30 Supportive therapy in severe disease
Larry Greenbaum (Atlanta, GE, United States)
11:30-12:00 Management of severe edema
John Mahan (Columbus, OH, United States)
12:00-12:30 Treatment of congenital NS
Tuula Holta (Helsinki, Finland)
12:30-13:00 Post-transplant recurrence of SRNS
Clotilde Druck Garcia (Porto Alegre, Brazil)
13:15-14:15 Break

Biological molecules for the treatment of SSNS
Chairpersons:
14:30-15:00 Rituximab: evidence from clinical trials
Kazumoto Iijima (Kobe, Japan)
15:00-15:30 Ofatumumab: initial experience
Gian Marco Ghiggeri (Genoa, Italy)
15:30-16:00 Which children should receive biological molecules and for how long
Biswanath Basu (Kolkata, India)
16:00-16:30 Oral communications
16:30-17:00 Break

SUNDAY 20 OCTOBER 2019

IPNA 2019 - Day 3

PLENARY HALL & SESSION 1 - PALAZZO DEL CINEMA - SALA GRANDE

Non-steroidal treatment of steroid sensitive nephrotic syndrome
Chairpersons:
17:00-17:30 Calcineurin inhibitors for SSNS: pros and cons
Michel Somers (Boston, MA, United States)
17:30-18:00 What is the role of MMF
William Morello (Milan, Italy)
18:00-18:30 What is the role of levamisole
Aditi Sinha (New Delhi, India)
18:30-19:00 Is there still a role for cyclophosphamide
Asiri Abevagunawarden (Peradeniya, Sri Lanka)

POSTER SESSION - PALAZZO DEL CASINÒ - SALONE ADRIATICO E LAGUNA

Poster Walk
13:15-14:15 Poster walk
**SUNDAY 20 OCTOBER 2019**

**IPNA 2019 - Day 3**

**SESSION 2 - PALAZZO DEL CINEMA - SALA PASINETTI**

**Technical aspects of chronic peritoneal dialysis**
*Chairpersons:*  
11:00-11:30  
**Is adapted PD the best peritoneal dialysis option?**  
Ariane Zaloszyc (Strasbourg, France)  
11:30-12:00  
**How to improve PD efficiency and sustainability**  
Claus Peter Schmitt (Heidelberg, Germany)  
12:00-12:30  
**Evolution of PD solutions**  
Peter Nourse (Cape Town, South Africa)  
12:30-13:00  
**Oral communications**  
13:15-14:15  
**Break**

**Podocyte biology**
*Chairpersons:*  
14:30-14:52  
**Podocyte injury and its consequences**  
Moin Saleem (Bristol, United Kingdom)  
14:52-15:14  
**Podocyte injury and challenges in diabetes - mechanisms and effects**  
Tae Sun Ha (Cheongju, South Korea)  
15:14-15:36  
**Podocytes in proximal tubular disorders (Dent disease, cystinosis...)**  
Elena Levtechencko (Leuven, Belgium)  
15:36-16:00  
**Novel aspects of podocyte biology**  
Elena Torban (Montreal, QC, Canada)  
16:00-16:30  
**Oral communications**  
16:30-17:00  
**Break**

**CKiD study**
*Chairpersons:*  
17:00-18:30  
**CKiD study**  
Susan Furth (Philadelphia, PA, United States)

**IPNA Global Registry**
*Chairpersons:*  
18:30-19:00  
**IPNA Global Registry**  
Franz Schaefer (Heidelberg, Germany)

**SESSION 3 - PALAZZO DEL CASINÓ - SALA PERLA**

**Masterclass: Hypertension**
*Chairpersons:*  
7:30-8:00  
**Hypertension**  
Julie Ingelfinger (Boston, MA, United States)  
8:00-8:30  
**Hypertension**  
George Reusz (Budapest, Hungary)
### Genetics of CAKUT: new insights

**Chairpersons:**

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<tr>
<td>14:30-15:00</td>
<td>Understanding congenital anomalies of the kidneys and urinary tracts: from mouse models to childhood disease</td>
<td>Ruthild Weber (Hannover, Germany)</td>
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<tr>
<td>15:00-15:30</td>
<td>Novel insights into the pathogenesis of monogenic congenital anomalies of the kidney and urinary tract</td>
<td>Asaf Vivante (Haifa, Israel)</td>
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<td>15:30-16:00</td>
<td>Extending nephrogenesis and its implications</td>
<td>Oded Volovelski (Jerusalem, Israel)</td>
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<td>16:00-16:30</td>
<td>CAKUT: can we detect and diagnosis early</td>
<td>Hong Xu (Shanghai, China)</td>
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<tr>
<td>16:30-17:00</td>
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### Nephro-urology

**Chairpersons:**

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<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>11:00-11:30</td>
<td>Prenatal management of LUTO</td>
<td>Nicola Persico (Milan, Italy)</td>
<td></td>
</tr>
<tr>
<td>11:30-12:00</td>
<td>Natural history of renal hypertrophy and kidney function in single kidneys</td>
<td>Rik Westland (Amsterdam, The Netherlands)</td>
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<tr>
<td>12:00-12:30</td>
<td>Renal dysplasia: what postnatal imaging and management?</td>
<td>Fatos Yalcinkaya (Ankara, Turkey)</td>
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<tr>
<td>12:30-13:00</td>
<td>Oral communications</td>
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### Nephro-urology 3

**Chairpersons:**

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<tr>
<td>12:30-13:00</td>
<td>Oral communications</td>
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<td>13:15-14:15</td>
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### Secondary VUR: when to suspect and how to manage

**Chairpersons:**

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<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>17:00-17:30</td>
<td>Secondary VUR: when to suspect and how to manage</td>
<td>Tej Matoo (Detroit, MI, United States)</td>
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<tr>
<td>17:30-18:00</td>
<td>Elective intervention for Vesico-Ureteric Reflux</td>
<td>Gianantonio Manzoni (Milan, Italy)</td>
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<tr>
<td>18:00-18:30</td>
<td>Postnatal management of prenatal dilatation of the urinary tract</td>
<td>Deborah Stein (Boston, MA, United States)</td>
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<tr>
<td>18:30-19:00</td>
<td>Oral communications</td>
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</table>
SUNDAY 20 OCTOBER 2019
IPNA 2019 - Day 3

SESSION 4 - PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Masterclass: PTH in CKD
Chairpersons:
07:30-08:00  Aim high
Isidro Salusky (Los Angeles, CA, United States)
08:00-08:30  How low should you go?
Rukshana Shroff (London, United Kingdom)

The kidney and beyond: striving for excellence in cystinosis care
Organized by Chiesi Farmaceutici
Chairpersons: Elena Levtschenko (Leuven, Belgium), Jun Oh (Hamburg, Germany)
13.15-13.20  Welcome & introduction
Jun Oh (Hamburg, Germany)
13.20-13.35  Cystinosis management today
Elena Levtschenko (Leuven, Belgium)
13.35-13.50  The importance of a multidisciplinary approach: the clinical
decision support programme
Sally-Anne Hulton (Birmingham, United Kingdom)
13.50-14.05  Optimizing care of young people with rare chronic diseases:
psychological aspects
Karin Lange (Hannover, Germany)
14.05-14.15  Q&A
Elena Levtschenko (Leuven, Belgium)
Jun Oh (Hamburg, Germany)

SUNDAY 20 OCTOBER 2019
IPNA 2019 - Day 3

SESSION 4 - PALAZZO DEL CASINÒ - SALONE MOSAICI 1

Immunology of renal transplantation
Chairpersons:
14:30-15:00  Clinical relevance of DSA monitoring
Paulo Koch Nogueira (São Paulo, Brazil)
15:00-15:30  Clinical relevance of C4d positivity in kidney biopsy
Burkhard Tönshoff (Heidelberg, Germany)
15:30-16:00  Novel treatment approaches on the horizon
Stephen Marks (London, United Kingdom)
16:00-16:30  The relevance of HLA mismatching
Jie Ding (Beijing, China)
16:30-17:00  Break

Chronic dialysis
Chairpersons:
17:00-17:30  Bone disease in Children undergoing dialysis
Mary Leonard (Palo Alto, CA, United States)
17:30-18:00  Sodium balance in dialysis
Fabio Paglialonga (Milan, Italy)
18:00-18:30  Vaccination coverage in children with CKD and on dialysis
Sevcan Bakkaloglu (Ankara, Turkey)
18:30-19:00  Oral Communications
## Acute Kidney Injury: Treatment

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td>11:00-11:30</td>
<td>Pathophysiology of AKI</td>
<td>Devarajan Prasad (Cincinnati, OH, United States)</td>
<td>Palazzo del Casino - Salone Mosai 2</td>
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<tr>
<td>11:30-12:00</td>
<td>The role of PD in AKI</td>
<td>Johan Van de Walle (Gent, Belgium)</td>
<td>Palazzo del Casino - Salone Mosai 2</td>
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<tr>
<td>12:00-12:30</td>
<td>PD prescription in under-resourced countries</td>
<td>Om Prakash Mishra (Varanasi, India)</td>
<td>Palazzo del Casino - Salone Mosai 2</td>
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<tr>
<td>12:30-13:00</td>
<td>Treatment of AKI in neonates</td>
<td>David Askenazi (Birmingham, AL, United States)</td>
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<td>13:00-13:30</td>
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<td>13:30-14:15</td>
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### Peculiarities of Chronic Dialysis in Neonates and Small Children

**Chairpersons:**

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<tr>
<td>14:30-15:00</td>
<td>Devices and technicalities</td>
<td>Enrico Vidal (Padua, Italy)</td>
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<tr>
<td>15:00-15:30</td>
<td>Outcome in newborns initiating chronic dialysis</td>
<td>Hiroshi Hataya (Tokyo, Japan)</td>
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<td>15:30-16:00</td>
<td>Do infants and small children requiring chronic dialysis need</td>
<td>Aleksandra Zurowska (Gdansk, Poland)</td>
<td>Palazzo del Casino - Salone Mosai 2</td>
<td>hemodialysis?</td>
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<td>16:00-16:30</td>
<td>Oral communications</td>
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<td>16:30-17:00</td>
<td>Break</td>
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### Atypical HUS

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<th>Location</th>
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<tbody>
<tr>
<td>17:00-17:30</td>
<td>Atypical HUS: from plasma therapy to complement blockade</td>
<td>Christoph Licht (Toronto, ON, Canada)</td>
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<tr>
<td>17:30-18:00</td>
<td>Anti complement factor H-related HUS</td>
<td>Arvind Bagga (New Delhi, India)</td>
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<td>18:00-18:30</td>
<td>Transplantation in a-HUS</td>
<td>Larry Greenbaum (Atlanta, GE, United States)</td>
<td>Palazzo del Casino - Salone Mosai 2</td>
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<tr>
<td>18:30-19:00</td>
<td>Oral communications</td>
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<td>Palazzo del Casino - Salone Mosai 2</td>
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</table>
SUNDAY 20 OCTOBER 2019
IPNA 2019 - Day 3

SESSION 6 - PALAZZO DEL CASINÒ - SALA CASINÒ

Masterclass: Nephrocalcinosis
Chairpersons:
07:30-08:00  Nephrocalcinosis: causes and diagnosis
             Bernd Hoppe (Bonn, Germany)
08:00-08:30  Nephrocalcinosis: treatment and long-term prognosis
             Dawn Milliner (Rochester, MN, United States)

Nutritional aspects of CKD and dialysis
Chairpersons:
11:00-11:30  Epidemiology of nutritional derangements
             Francisco Cano (Zaragoza, Chile)
11:30-12:00  Physiopathology and assessment of protein energy wasting
             Robert Mak (San Diego, CA, United States)
12:00-12:30  Prevention and treatment of protein energy wasting
             Lesley Rees (London, United Kingdom)
12:30-13:00  Oral communications
13:15-14:15  Break

Bladder Dysfunction
Chairpersons:
14:30-15:00  When to suspect following a UTI?
             Jason P. Van Batavia (Philadelphia, PA, United States)
15:00-15:30  Role of imaging in the management
             Anne Wright (London, United Kingdom)
15:30-16:00  How to treat?
             Ann Raes (Gent, Belgium)
16:00-16:30  Enuresis and bladder dysfunction
             Vera Koch (São Paulo, Brazil)
16:30-17:00  Break

Fluid and electrolyte disorders: assessment of intravascular volume
Chairpersons:
17:00-17:30  The importance of controlling fluid volume in CKD
             Speaker TBD
17:30-18:00  Assessment of intravascular volume in dialysis patients
             Rita D. Swinford (Houston, TX, United States)
18:00-18:30  Assessment of fluid volume in Nephrotic patients
             Rajendra Srivastava (New Delhi, India)
18:30-19:00  Oral communications
SUNDAY 20 OCTOBER 2019
IPNA 2019 - Day 3

SESSION 7 - PALAZZO DEL CASINÒ - SALA DELLE FESTE

Masterclass: Controversy on genetic screening for CAKUT
Chairpersons:
07:30-08:00 Pros
Rémi Salomon (Paris, France)
08:00-08:30 Cons
Stefanie Weber (Essen, Germany)

Renal stem cell biology and the use of kidney organoids
Chairpersons:
11:00-11:30 Overview of pluripotent stem cells
Paola Romagnani (Florence, Italy)
11:30-12:00 Regeneration of the kidney through stem cells
Jordan Kreidberg (Boston, MA, United States)
12:00-12:30 The use of kidney organoids in developmental nephrology
Beno Freedman (Seattle, WA, United States)
12:30-13:00 Oral communications
13:15-14:15 Break

Cystic kidney diseases
Chairpersons:
14:30-15:00 Update on ADPKD in children
Djalila Mekahli (Leuven, Belgium)
15:00-15:30 Cystic kidney disease in tuberous sclerosis
Elahna Paul (Boston, MA, United States)
15:30-16:00 ARPKD in newborns: diagnosis and management
Max Liebau (Köln, Germany)
16:00-16:30 Oral Communications
16:30-17:00 Break

Paediatric nephrology in under-resourced areas
Chairpersons:
17:00-17:30 Importance and feasibility of prevention
Ifeoma Anochie (Port Harcourt, Nigeria)
17:30-18:00 Approach to conditions unique to under-resourced areas
Sushmita Banerjee (Kolkata, India)
18:00-18:30 Specific priorities in low-resourced countries
Melvin Bonilla Felix (San Juan, Puerto Rico)

20.00 Networking dinner & IPNA Awards
The Arsenal of Venice
MONDAY 21 OCTOBER 2019

IPNA 2019 - Day 4

PLENARY HALL & SESSION 1 - PALAZZO DEL CINEMA - SALA GRANDE

Oral communications
Chairpersons:
8:30-10:30  Blitz poster presentation

Closing session
11:00-11:30  Actualizing the benefits of genomic-driven, precision medicine in pediatric nephrology
Matthew Sampson (Ann Arbor, MI, United States)
11:30-12:00  Congress highlights
Speaker TBD
12:00-12:30  Closing remarks
Speaker TBD

SESSION 2 - PALAZZO DEL CINEMA - SALA PASINETTI

IPNA Fellowship Meeting
Chairpersons:
08:30-10:30  IPNA Fellowship Meeting
GENERAL INFORMATION

CONGRESS VENUE
VENICE CONVENTION CENTER
Palazzo del Cinema
Palazzo del Casinò
Lungomare Guglielmo Marconi, 30
30126 Venezia

REGISTRATION
Online registration is now open. Please visit the website www.ipna2019.org.

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<th>REGISTRATION FEE</th>
<th>Early Registration until 17/06/2019</th>
<th>Regular Registration from 18/06 to 7/10/2019</th>
<th>On-Site Registration from 8/10/2019</th>
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<tr>
<td>IPNA member</td>
<td>500 €</td>
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<td>800 €</td>
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<td>Rate for developing countries</td>
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<td>250 €</td>
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<td>Allied health professional</td>
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<td>Clinical investigation: from study design to publication</td>
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<td>Pathology</td>
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<td>Bladder Dysfunction</td>
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<td>Dialysis in children</td>
<td>full day</td>
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<tr>
<td>Hypertension</td>
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<tr>
<td>Transplantation</td>
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ADMISSION
Admission to the scientific sessions is strictly for registered congress members. Minors cannot access the session halls, nor exhibition areas, even if accompanied by a registered adult. In order to comply with EFPIA and MedTech policies, IPNA does not extend hospitality to persons other than registered congress participants, i.e. healthcare professionals.

TRAVEL GRANTS
To increase accessibility to the 18th Congress of the International Pediatric Nephrology Association, IPNA is pleased to provide Travel Grants. A portion of all Travel Grants is specifically reserved for physicians and scientists from under-resourced countries. Not all physicians and scientist from under-resourced countries, who are presenting accepted abstracts, will be awarded a Travel Grant (that is, an accepted abstract is not a guarantee for a grant). However, submitting an abstract or having been asked to present a talk is a requirement. Past and current IPNA Fellows are part of a dedicated program and cannot apply for this grant. There are 50 Travel Grants available. Application information is now available on the Congress website www.ipna2019.org. Please download the travel grant application form you will find in the dedicated area and return it via e-mail to: info@ipna2019.org indicating the subject “Travel grant application”. The deadline for applying is May 31st 2019. For further enquiries please contact: info@ipna2019.org

TRANSPORTATION
The closest major airport is Venice Marco Polo. This airport handles domestic and international flights (124 destinations), including some long-haul flights to North America and the Middle East. It is the fifth busiest airport in Italy. The airport is connected to the nearby railway station of Venice Mestre and to the bus terminal of Piazzale Roma in Venice by scheduled bus services, to several other destinations in Venice itself by the Alilaguna water shuttle and to Piazza San Marco by the express water taxi. A second international airport is Treviso-Sant’Angelo, which is located approximately 20 km from the city of Venice. This airport handles domestic and international flights (40 destinations), mainly operated by low-cost companies.

LANGUAGE
The official language of the congress is English. No simultaneous translation will be provided.
EXHIBITION
An exhibition of pharmaceutical products, clinical and scientific equipment and publications will be held during the congress. Companies interested in taking part in the exhibition can contact the Congress Local Organizer at industry@ipna2019.org

LETTER OF INVITATION
The Congress Secretariat will send you a letter of invitation upon request. The Organizing Committee would like to clearly state that the letter is only to help the participant to obtain a visa or to raise travel funds and has no further financial obligations from the congress towards the participant. The Congress Secretariat is only able to send you the letter of invitation after receipt of your registration and payment.

PASSPORT AND VISA
A valid passport is required for non-EU citizens for entry into Italy. An identity card is sufficient for citizens of EU Member States. Please consult the Consulate nearest to you for special details.

CONGRESS BADGES
All participants, accompanying persons and exhibitors must wear the Congress identification badges. Entrance to meeting halls, poster and exhibition area will not be permitted to any person without badge.

CERTIFICATE OF ATTENDANCE
A certificate of attendance can be printed at the end of the congress.

LIABILITY
Upon registration, participants agree that neither the Organizing Committee nor the Congress Secretariat assume any liability. Participants should, therefore, organize their own health and travel insurance.

ORGANIZING SECRETARIAT
Euromeetings
Via Enrico Mattei 92 - 40138 Bologna- Italy
Ph. +39 051 4595093 - info@ipna2019.org

OFFICIAL HOUSING
I’Meetaly
Via Enrico Mattei 92 - 40138 Bologna- Italy
Ph. +39 051 6038807 - info@ipna2019.org

IMPORTANT DATES
- Regular registration deadline: October 7th 2019.

For any further information please contact info@ipna2019.org
ORGANIZING SECRETARIAT

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