

Paediatric  
Kidney  
Week



european  
society for  
paediatric  
nephrology

4<sup>th</sup> Cycle - 3<sup>rd</sup> IPNA-ESPN  
Junior Master Classes  
13-14 October 2025

57<sup>th</sup> ESPN Annual Meeting  
15-18 October 2025

Athens, Greece

**PRELIMINARY PROGRAMME**

## WEDNESDAY, 15 OCTOBER 2025

### ROOM 1 | 09:00-11:00

#### PRE-CONGRESS COURSE 1 - HYPERTENSION AND TARGET ORGAN DAMAGE (part I)

- 09:00 Pre- and postnatal risk factors for HTN
- 09:30 Diagnosis and monitoring of HTN: which BP measurement?
- 10:00 CV phenotypes and HTN-mediated target organ damage
- 10:30 Secondary causes of HTN: from suspicion to diagnosis and management

### ROOM 2 | 09:00-11:00

#### PRE CONGRESS COURSE 2 - RENAL PATHOLOGY (part I)

- 09:00 Welcome and introduction: all about the kidney biopsy
- 09:30 Genetic diseases and the role of genetics
- 10:00 Immunecomplex- and complement-mediated diseases
- 10:30 Liver pathology in kidney diseases

## WEDNESDAY, 15 OCTOBER 2025

### ROOM 3 | 09:00-11:00

#### PRE CONGRESS COURSE 3 - LUTS (part I)

09:00 Nephrological and urological management of neurogenic bladder

09:30 An overview of bladder investigations

10:00 Pharmacological agents for overactive bladder in children

10:30 Beyond conservative management for bladder dysfunction. What can the urologist offer?

11:00 *Coffee break*

11:30

### ROOM 1 | 11:30-13:30

#### PRE-CONGRESS COURSE 1 - HYPERTENSION AND TARGET ORGAN DAMAGE (part II)

11:30 Lifestyle changes in children CKD to reduce CV risk

12:00 BP targets in children with CKD: cardiovascular versus kidney protection

12:30 How to manage HTN on dialysis

12:42 Discussion

12:45 How to manage HTN after kidney Tx

12:57 Discussion

13:00 Drugs for the treatment of HTN in CKD to reduce CV risk

## WEDNESDAY, 15 OCTOBER 2025

### ROOM 2 | 11:30-13:30

#### PRE CONGRESS COURSE 2 - RENAL PATHOLOGY (part II)

11:30 Update on renal transplantation

12:00 Tubulointerstitial diseases

12:30 Rare renal diseases

13:00 Case discussions

### ROOM 3 | 11:30-13:30

#### PRE CONGRESS COURSE 3 - LUTS (part II)

11:30 Bladder and bowel dysfunction as risk factor for UTIs

12:00 How to predict response to treatment for enuresis

12:30 The approach to the treatment resistant enuresis patient

13:00 How to prepare the bladder for kidney transplantation

13:30 *Lunch*

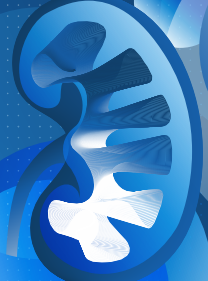
14:30

### ROOM 1 | 14:30-16:00

#### WORKING GROUP MEETING - CKD-MBD

### ROOM 2 | 14:30-16:00

#### WORKING GROUP MEETING - TRANSPLANTATION



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## WEDNESDAY, 15 OCTOBER 2025

**ROOM 3 | 14:30-16:00**

**WORKING GROUP MEETING - INHERITED RENAL DISORDERS**

**ROOM 1 | 16:10-17:40**

**WORKING GROUP MEETING - DIALYSIS**

**ROOM 2 | 16:10-17:40**

**WORKING GROUP MEETING - GLOMERULAR DISEASES**

**ROOM 3 | 16:10-17:40**

**WORKING GROUP MEETING - CAKUT/UTI/BLADDER DYSFUNCTION**

**CONGRESS VENUE | 18:00-19:30**

**OPENING CEREMONY**

WEDNESDAY, 15 OCTOBER 2025

## THURSDAY, 16 OCTOBER 2025

### ROOM 1 | 07:45-08:45

#### EARLY MORNING SESSION - RESILIENCE PROGRAM

### ROOM 2 | 07:45-08:45

#### EARLY MORNING SESSION - IMMUNE-MEDIATED KIDNEY DISEASES

07:45 Membranous nephropathy

08:15 IgA vasculitis

### ROOM 3 | 07:45-08:45

#### EARLY MORNING SESSION - NEONATAL NEPHROLOGY

07:45 Update on the treatment of congenital nephrotic syndrome

08:15 Neonatal dialysis

### ROOM 4 | 07:45-08:45

#### EARLY MORNING SESSION - TRANSPLANTATION

07:45 Chronic kidney disease - Mineral and bone disease after paediatric kidney transplantation

08:15 Management of the failing allograft

## THURSDAY, 16 OCTOBER 2025

### ROOM 1 | 08:55-09:30 STATE OF THE ART LECTURE 1

08:55 Aquaporins: from osmosis to precision dialysis

### ROOM 1 | 09:30-09:40 SPONSORED COMMUNICATION

### POSTER AREA | 09:40-11:20 POSTER SESSION 1

### ROOM 1 | 11:25-13:00 SESSION 1 - IMMUNOSUPPRESSION THERAPY

11:25 Regulatory cell therapy for kidney transplantation and autoimmune kidney diseases

11:47 9-minute pitches

12:32 Evidence-based immunosuppressive therapy in paediatric kidney transplant recipients

12:54 Discussion

## THURSDAY, 16 OCTOBER 2025

### ROOM 2 | 11:25-13:00 SESSION 2 - NOVEL APPROACHES

11:25 New treatment approaches in cystinosis

11:47 9-minute pitches

12:32 Novel treatment approaches for NDI

12:54 Discussion

### ROOM 3 | 11:25-13:00 SESSION 3 - HOT TOPICS IN DIALYSIS

11:25 Optimizing salt and fluid control in PD

11:47 9-minute pitches

12:32 Immunometabolism and metabolic inflammation in peritoneal dialysis – current and future therapies

12:54 Discussion

### ROOM 4 | 11:25-13:00 SESSION 4 - THE BLADDER IN CAKUT

11:25 Kidney and bladder function in complex urological malformations

11:47 9-minute pitches

12:32 Vesico-amniotic shunting in fetal megacystis

12:54 Discussion

## THURSDAY, 16 OCTOBER 2025

### ROOM 1 - 2 - 3 | 13:05-14:05 INDUSTRY LUNCH SYMPOSIUM

### ROOM 1 | 14:15-14:50 STATE OF THE ART LECTURE 2

14:15 Kidney organoids for stem cell-based renal replacement therapy

### ROOM 1 | 15:00-16:30 SESSION 5 - ACUTE RENAL REPLACEMENT THERAPY IN CRITICALLY ILL CHILDREN - WHEN TO START AND WHEN TO STOP?

15:00 Eurakid Registry

15:05 When to start RRT

15:20 9-minute pitches

16:05 When to stop RRT

### ROOM 2 | 15:00-16:30 SESSION 6 - COMPLEX GENETICS

15:00 Clinical features of Individuals carrying a heterozygous pathogenic variant in COL4A3/COL4A4

15:22 9-minute pitches

16:07 Genetic approaches in aHUS

## THURSDAY, 16 OCTOBER 2025

### ROOM 3 | 15:00-16:30

#### SESSION 7 - IMMUNE-MEDIATED GLOMERULONEPHRITIS

15:00 Antibody-mediated GN: a pathology perspective

15:22 9-minute pitches

16:07 Treatment of ANCA and anti-GBM disease

### ROOM 4 | 15:00-16:30

#### SESSION 8 - INFECTIONS AND VACCINES

15:00 Established and new antiviral agents for paediatric kidney transplant recipients

15:22 9-minute pitches

16:07 Live vaccination in paediatric kidney transplant recipients

16:30 *Coffee break*

17:00

### ROOM 1 | 17:00-18:00

#### INTERNATIONAL SOCIETY OF GLOMERULAR DISEASE (ISGD)

### ROOM 2 | 17:00-18:00

#### INDUSTRY LECTURE

### ROOM 3 | 17:00-18:00

#### HOLISTIC PAEDIATRIC NEPHROLOGY CARE: THE ROLE OF THE TEAM

## THURSDAY, 16 OCTOBER 2025

### ROOM 4 | 17:00-18:00 SESSION 9 - COMPLEX GENETICS

17:00 Cascade and predictive testing in hereditary kidney diseases

17:22 9-minute pitches

17:40 Ciliopathies

### 18:10-20:00 ESPN GENERAL ASSEMBLY

## FRIDAY, 17 OCTOBER 2025

### ROOM 1 | 07:45-08:45

#### EARLY MORNING SESSION - GLOMERULAR DISEASES

07:45 Infection-related HUS

08:15 Post-infectious glomerulonephritis

### ROOM 2 | 07:45-08:45

#### EARLY MORNING SESSION - TUBULAR DISEASES

07:45 Should every child with urolithiasis have a comprehensive genetic evaluation: pro-con debate

08:15 Is liver transplantation still indicated in PH1? Pro-con debate

### ROOM 3 | 07:45-08:45

#### EARLY MORNING SESSION - NUTRITION TASK FORCE

07:45 Enteral feeding: practical issues

08:15 The burden of processed food in CKD

## FRIDAY, 17 OCTOBER 2025

### ROOM 4 | 07:45-08:45

#### EARLY MORNING SESSION - SUSTAINABILITY IN NEPHROLOGY PRACTICE

07:45 Results of a global survey on sustainable dialysis practices in pediatric nephrology

07:55 Working with Industry to promote sustainable dialysis

08:15 What your unit can do to promote sustainable practices

08:25 Reducing PD waste - the U-drain solution

08:30 Round table discussion

### ROOM 1 | 08:55-09:30

#### STATE OF THE ART LECTURE 3

08:55 Xenotransplantation for paediatric solid organ transplant recipients: hope or hype?

### ROOM 1 | 09:30-09:40

#### SPONSORED COMMUNICATION 2

### POSTER AREA | 09:40-11:20

#### POSTER SESSION 2

## FRIDAY, 17 OCTOBER 2025

### ROOM 1 | 11:25-12:54

#### SESSION 10 - NEPHROTIC SYNDROME

11:25 What is new in SSNS?

11:47 9-minute pitches

12:32 What is new in SRNS?

### ROOM 2 | 11:25-12:54

#### SESSION 11 - INTRACELLULAR SIGNALING IN TUBULAR CELLS

11:25 mTOR signaling in renal ion transport

11:47 9-minute pitches

12:32 Paradigmatic aspects of proximal tubular physiology in health and diseases

### ROOM 3 | 11:25-12:54

#### SESSION 12 - ANTIBODY-MEDIATED REJECTION

11:25 Precision diagnosis of antibody-mediated rejection categories by transcriptional profiling

11:47 9-minute pitches

12:32 Novel therapies for acute and chronic antibody-mediated rejection

## FRIDAY, 17 OCTOBER 2025

### ROOM 4 | 11:25-12:54

#### SESSION 13 - CHALLENGES IN THE MANAGEMENT OF CKD AND HYPERTENSION

11:25 Pharmacotherapy of CKD progression in children and adolescents

11:47 9-minute pitches

12:32 Endovascular interventions in children: what to do and what not to do

### ROOM 1 - 2 - 3 | 13:05-14:05

#### INDUSTRY LUNCH SYMPOSIUM

### ROOM 1 | 14:15-14:50

#### STATE OF THE ART LECTURE 4

14:15 CAR-T cell therapy in nephrology

### ROOM 1 | 15:00-16:30

#### SESSION 14 - MINERAL METABOLISM DISORDERS

15:00 Diagnostic and therapeutic approaches to disorders of phosphate metabolism

15:22 Diagnostic and therapeutic approaches to disorders of magnesium metabolism

15:44 Treatment challenges in primary hyperoxaluria

16:06 Treatment challenges in Dent disease

## FRIDAY, 17 OCTOBER 2025

### ROOM 2 | 15:00-16:30

#### YOUNG PAEDIATRIC NEPHROLOGY SESSION (YPNN)

- 15:00 Modern approaches to anemia in CK
- 15:22 9-minute pitches
- 16:07 Kidney transplantation in the highly sensitized child

### ROOM 3 | 15:00-16:30

#### SESSION 15 - LESSONS FROM REGISTRY DATA

- 15:00 Improving access and outcomes in pediatric kidney transplantation: from epidemiology to clinical decision
- 15:22 Innovative approaches in rare disease research
- 15:41 9-minute pitches
- 16:08 Inequity in children on kidney replacement therapy

### ROOM 4 | 15:00-16:30

#### SESSION 16 - BORN WITH WEAK KIDNEYS

- 15:00 Blood pressure treatment and nephro protection in kidney dysplasia
- 15:22 9-minute pitches
- 16:07 Congenital single kidney: diagnostic approach and natural history

16:30 *Coffee break*

17:00

## FRIDAY, 17 OCTOBER 2025

### ROOM 1 | 17:00-18:00

#### SESSION 17 - DIAGNOSING CAKUT

- 17:00 The extra renal anomalies of CAKUT
- 17:22 9-minute pitches
- 17:40 Urinary biomarkers in the diagnosis of obstruction

### ROOM 2 | 17:00-18:00

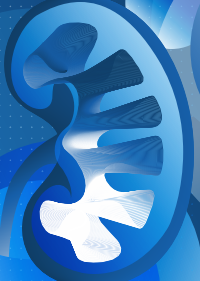
#### SESSION 18 - GUIDELINES

- 17:00 Bone health preservation in CKD
- 17:22 9-minute pitches
- 17:40 Management of cardiovascular disease in CKD

### ROOM 3 | 17:00-18:00

#### SESSION 19 - DISEASES OF THE PODOCYTES

- 17:00 Anti-nephrin antibodies and other circulating factors
- 17:22 9-minute pitches
- 17:40 GBM-podocyte interaction



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## FRIDAY, 17 OCTOBER 2025

**ROOM 4 | 17:00-18:00**

### **SESSION 20 - ACUTE KIDNEY INJURY IN THE SMALLEST AMONG US - PRETERM NEONATES AND INFANTS AFTER CARDIAC SURGERY**

**17:00** AKI in neonates

**17:22** 9-minute pitches

**17:40** Cardiac surgery AKI

## SATURDAY, 18 OCTOBER 2025

### ROOM 1 | 07:45-08:45

#### EARLY MORNING SESSION - DIALYSIS - CKD/MBD - HTN

07:45 Home dialysis therapies and outcomes compared to in-centre HD and HDF

08:15 CKD-MBD when to use which drug?

### ROOM 2 | 07:45-08:45

#### EARLY MORNING SESSION - LUPUS NEPHRITIS

07:45 Up-scaling treatment in refractory lupus nephritis

08:15 Down-scaling treatment in responsive lupus nephritis

### ROOM 3 | 07:45-08:45

#### EARLY MORNING SESSION - CYSTIC KIDNEY DISEASES

07:45 Genetic approaches and consequences in children with cystic kidney diseases

08:15 Emerging therapies for polycystic kidney disease

### ROOM 1 | 08:55-09:30

#### STATE OF THE ART LECTURE 5

08:55 Urinary tract infections in 2025?

## SATURDAY, 18 OCTOBER 2025

### ROOM 1 | 09:40-11:00

#### SESSION 21 - PREDICTING OUTCOME IN PAEDIATRIC KIDNEY TRANSPLANTATION

09:40 The potential of novel gut microbiome-derived biomarkers for predicting outcome

10:02 9-minute pitches

10:38 Predicting outcome by machine learning and artificial intelligence

### ROOM 2 | 09:40-11:00

#### SESSION 22 - THE KIDNEY AS THE INNOCENT BYSTANDER IN AKI

09:40 AKI in children with cancer: overrated? Underestimated?

10:02 9-minute pitches

10:38 Nephrotoxic medication-associated AKI - Is this just the cost of doing business?

### ROOM 3 | 09:40-11:00

#### SESSION 23 - GENETIC APPROACHES IN CAKUT

09:40 Gene regulation and CAKUT

10:02 9-minute pitches

10:38 Gene therapy in HNF1B nephropathy

11:00 *Coffee break*

11:30

## SATURDAY, 18 OCTOBER 2025

### ROOM 1 | 11:30-13:00 SESSION 24 - GUIDELINES

- 11:30 New peritonitis guidelines
- 11:52 9-minute pitches
- 12:28 CKD-MBD guidelines: has anything changed?
- 12:48 Discussion

### ROOM 2 | 11:30-13:00 SESSION 25 - IGA/IGAV NEPHROPATHY

- 11:30 Treatment of IgAN and IgAVN treatment
- 11:52 9-minute pitches
- 12:28 To start or wait with steroids
- 12:48 Discussion

### ROOM 3 | 11:30-13:00 SESSION 26 - TREATMENTS OF GENETIC DISEASES

- 11:30 Therapies for genetic glomerular disease
- 11:52 9-minute pitches
- 12:28 Patient participation in trials- legal/ethical aspects
- 12:48 Discussion



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