



PRE CONGRESS WORKSHOP

Advanced Seminar in Nephrology

26th July 2026 | 07:30 Hrs - 15:45 Hrs

Number of participants: 60

TIME	TOPIC	SPEAKER
Morning Session: Using Genetics to Understand Kidney Disease		
07:30 - 08:00 Hrs	Registration	
08:00 - 08:15 Hrs	Challenges in setting up a genetic analysis facility in a low resource country	Dr Thushara Priyawansa Consultant Geneticist, Children's Hospital, Peradeniya, Sri Lanka
09:15 - 09:35 Hrs	Genomic architecture	Prof. Horia Stanescu Centre for Genetics and Genomics, Department of Renal Medicine, University College, London, UK
09:35 - 09:55 Hrs	Phenotype-driven diagnostics and candidate variant validation	Prof. Detlef Böckenhauer Department of Cellular and Molecular Medicine, Faculty of Medicine, Leuven, Belgium
09:55 - 10:15 Hrs	Sequencing, variant identification and filtering	Prof. Asaf Viavante Head of Department of Paediatrics - Edmond and Lily Safra Children's Hospital, Israel
10:15 - 10:30 Hrs	Discussion	
10:30 - 10:50 Hrs	Tea Break	
10:50 - 11:10 Hrs	Sample collection protocols, quality control, and biobank design	Prof. Mark Kristiansen Head of UCL Genomics, University College, London, UK
11:10 - 11:25 Hrs	Challenges in setting up a bio banking facility in a low resource setting	Prof. Shenal Thalgahagoda Professor in Paediatric Nephrology, University of Peradeniya, Sri Lanka
11:25 - 11:45 Hrs	GWAS design, imputation, and fine-mapping in renal traits	Dr. Mallory Downie Consultant Paediatric Nephrologist, McGill University, Montreal, Canada
11:45 - 12:05 Hrs	Hands-on bioinformatics: variant calling, annotation, and interpretation	Prof. Horia Stanescu
12:05 - 12:15 Hrs	Discussion	
12:15 - 13:00 Hrs	Lunch	

TIME	TOPIC	SPEAKER
Afternoon Session: Critical Care Nephrology		
13:00 - 13:30 Hrs	Paediatric Acute Kidney Injury (AKI): A Rational and Practical Approach	Prof. Randula Ranawaka Professor in Paediatric Nephrology, Lady Ridgeway Children's Hospital, Colombo, Sri Lanka
13:30 - 14:00 Hrs	Controversies in AKI Management	Prof. Rupesh Raina Professor of Medicine and Paediatrics - Akron Children's Hospital, Ohio, USA
14:00 - 14:10 Hrs	Transition / Group Allocation	
	Hands-on Skill Stations (Participants rotate through all stations)	
14:10 - 14:40 Hrs	Station 1: Peritoneal Dialysis in AKI	Prof. Rajiv Sinha Professor of paediatric medicine and Head of Department in paediatric nephrology, Institute of Child Health, Kolkata, India
14:40 - 15:10 Hrs	Station 2: Continuous Renal Replacement Therapy (CRRT)	Dr. Sidharth Sethi Consultant Paediatric Nephrologist and Director Paediatric Nephrology - Cloud nine Hospital, Gurgaon, New Delhi, India
15:10 - 15:40 Hrs	Station 3: Electrolyte and Acid-Base management	Dr. Rupesh Raina
15:40 - 15:45 Hrs	Round up & Closure	



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