

DRAFT

# THE 15th INTERNATIONAL WORKSHOP ON DEVELOPMENTAL NEPHROLOGY

Esterel Resort, Quebec, Canada

August 13-17, 2023

Day	Start Time	End Time	Session	Title	Last Name	First Name	Role
<b>ARRIVAL: August 13th</b>							
Arrival	7:00:00 PM	7:20:00 PM	POSTER SESSION & DESSERTS	REGISTRATION BOOTH			
Arrival	7:20:00 PM	7:40:00 PM	POSTER SESSION & DESSERTS	REGISTRATION BOOTH			
Arrival	7:40:00 PM	8:00:00 PM	POSTER SESSION & DESSERTS	REGISTRATION BOOTH			
<b>DAY 1: August 14th</b>							
Day 1	8:15:00 AM	8:35:00 AM	WELCOME				
Day 1	8:35:00 AM	9:20:00 AM	KEYNOTE	TBD	Nostro	Maria Cristina	KEYNOTE
Day 1	9:20:00 AM	9:40:00 AM	Session I: Nephrogenesis and Early Development	Cellular determinants of ureteric bud branching morphogenesis	Kuure	Satu	Speaker
Day 1	9:40:00 AM	10:00:00 AM	Session I: Nephrogenesis and Early Development	A chromatin-centric view of mouse nephron progenitors	El-Dahr	Samir	Speaker
Day 1	10:00:00 AM	10:20:00 AM	Session I: Nephrogenesis and Early Development	Mitochondrial features in differentiating nephrons of fetal kidney versus kidney organoids	Oxburgh	Leif	Speaker
Day 1	10:20:00 AM	10:40:00 AM	Session I: Nephrogenesis and Early Development	Late gestation nephrogenesis using a non-human primate model	Schuh	Meredith	Speaker
Day 1	10:40:00 AM	11:00:00 AM	BREAK				
Day 1	11:00:00 AM	11:20:00 AM	Session I: Nephrogenesis and Early Development	RNA m6A-dependent transmethylation axis promotes nephrogenesis	Patel	Vishal	Speaker
Day 1	11:20:00 AM	11:40:00 AM	Session I: Nephrogenesis and Early Development	A role for Six2 in establishing nephron endowment	Kopan	Raphael	Speaker
Day 1	11:40:00 AM	12:00:00 PM	Session I: Nephrogenesis and Early Development	How maternal diet and behaviour impact fetal kidney development	Smyth	Ian	Speaker
Day 1	12:00:00 PM	12:20:00 PM	LUNCH				
Day 1	12:20:00 PM	12:40:00 PM	LUNCH				
Day 1	12:40:00 PM	1:00:00 PM	LUNCH				
Day 1	1:00:00 PM	1:20:00 PM	FREE TIME				
Day 1	1:20:00 PM	1:40:00 PM	Session I: Nephrogenesis and Early Development	TGF beta Receptor 2 and Cell Adhesion Molecule 1 (Cadm1) Act Synergistically in Foxd1+ and Six2+ Progenitor Cells to Control Nephron Formation	Rosenblum	Norman D.	Speaker
Day 1	1:40:00 PM	2:00:00 PM	Session I: Nephrogenesis and Early Development	Estrogen signaling and nephron segment development	Wingert	Rebecca A.	Speaker
Day 1	2:00:00 PM	2:20:00 PM	Session I: Nephrogenesis and Early Development	Transcription factors that define nephron segments	Park	Joo-Seop	Speaker
Day 1	2:20:00 PM	2:40:00 PM	Session I: Nephrogenesis and Early Development	Innervation of the kidney and implications for proper development	O'Brien	Lori	Speaker
Day 1	2:40:00 PM	3:00:00 PM	Session I: Nephrogenesis and Early Development	In vivo and in vitro Determination of a Proximal Tubular Cell State	Wessely	Oliver	Speaker
Day 1	3:00:00 PM	3:20:00 PM	FREE TIME				
Day 1	3:20:00 PM	3:40:00 PM	FREE TIME				
Day 1	3:40:00 PM	4:00:00 PM	FREE TIME				
Day 1	4:00:00 PM	4:20:00 PM	FREE TIME				
Day 1	4:20:00 PM	4:40:00 PM	FREE TIME				
Day 1	4:40:00 PM	5:00:00 PM	FREE TIME				
Day 1	5:00:00 PM	6:00:00 PM	DINNER				
Day 1	6:00:00 PM	7:00:00 PM	COCKTAILS & MINGLE				
Day 1	7:00:00 PM	7:20:00 PM	POSTER SESSION & DESSERTS				
Day 1	7:20:00 PM	7:40:00 PM	POSTER SESSION & DESSERTS				
Day 1	7:40:00 PM	8:00:00 PM	POSTER SESSION & DESSERTS				
<b>DAY 2: August 15th</b>							
Day 2	8:15:00 AM	8:35:00 AM	WELCOME				
Day 2	8:35:00 AM	9:20:00 AM	KEYNOTE	Advances in the management of kidney disease: what is next after SGLT2 inhibitors?	Cherney	David	KEYNOTE
Day 2	9:20:00 AM	9:40:00 AM	Session I: Nephrogenesis and Early Development	The role of the stroma in kidney growth and differentiation	Carroll	Tom	Speaker
Day 2	9:40:00 AM	10:00:00 AM	Session I: Nephrogenesis and Early Development	Investigating the role of SMARCB1 in kidney development and nephron progenitor cell fate regulation	Urbach	Achia	Speaker
Day 2	10:00:00 AM	10:20:00 AM	Session II: Human Congenital Abnormalities of the Kidney	Characterization of cellular heterogeneity in the developing kidney and in pediatric tumors using unsupervised machine learning	Kalisky	Tomer	Speaker
Day 2	10:20:00 AM	10:40:00 AM	ABSTRACT PRESENTOR	TBD			Abstract

Day	Start Time	End Time	Session	Title	Last Name	First Name	Role
Day 2	10:40:00 AM	11:00:00 AM	BREAK				Keynote, Speaker, Moderator
Day 2	11:00:00 AM	11:20:00 AM	ABSTRACT PRESENTOR	TBD			Abstract
Day 2	11:20:00 AM	11:40:00 AM	Session II: Human Congenital Abnormalities of the Kidney	Impact of in utero exposure to maternal diabetes on kidney development and function.	Ho	Jacqueline	Speaker
Day 2	11:40:00 AM	12:00:00 PM	Session II: Human Congenital Abnormalities of the Kidney	Understanding the roles of cell-matrix interactions in kidney glomeruli	Marciano	Denise	Speaker
Day 2	12:00:00 PM	12:20:00 PM	LUNCH				
Day 2	12:20:00 PM	12:40:00 PM	LUNCH				
Day 2	12:40:00 PM	1:00:00 PM	LUNCH				
Day 2	1:00:00 PM	1:20:00 PM	FREE TIME				
Day 2	1:20:00 PM	1:40:00 PM	Session II: Human Congenital Abnormalities of the Kidney	TBD	Potter	Steve	Speaker
Day 2	1:40:00 PM	2:00:00 PM	Session II: Human Congenital Abnormalities of the Kidney	Lessons from Discovery of a Monogenic Cause in ~20% of Cases with CAKUT	Hildebrandt	Friedhelm	Speaker
Day 2	2:00:00 PM	2:20:00 PM	Session II: Human Congenital Abnormalities of the Kidney	The genetic basis of end-stage kidney disease in Israeli minorities	Vivante	Asaf	Speaker
Day 2	2:20:00 PM	2:40:00 PM	Session II: Human Congenital Abnormalities of the Kidney	SIX2+CITED1+ nephron progenitors: mechanisms in renal development that drive Wilms tumor	Perin	Laura	Speaker
Day 2	2:40:00 PM	3:00:00 PM	Session II: Human Congenital Abnormalities of the Kidney	The surprising role of GREB1L during early mesoderm development'	Schedl	Andreas	Speaker
Day 2	3:00:00 PM	3:20:00 PM	FREE TIME				
Day 2	3:20:00 PM	3:40:00 PM	FREE TIME				
Day 2	3:40:00 PM	4:00:00 PM	FREE TIME				
Day 2	4:00:00 PM	4:20:00 PM	FREE TIME				
Day 2	4:20:00 PM	4:40:00 PM	FREE TIME				
Day 2	4:40:00 PM	5:00:00 PM	FREE TIME				
Day 2	5:00:00 PM	6:00:00 PM	DINNER				
Day 2	6:00:00 PM	7:00:00 PM	COCKTAILS & MINGLE				
Day 2	7:00:00 PM	7:20:00 PM	Session II: Human Congenital Abnormalities of the Kidney	Investigating Cell-Lineage Crosstalk in Kidney Development and Wilms Tumor	Drake	Keri	Speaker
Day 2	7:20:00 PM	7:40:00 PM	Session II: Human Congenital Abnormalities of the Kidney	Preventing kidney disease in early stages of life (very tentative title)	Volovelsky	Oded	Speaker
Day 2	7:40:00 PM	8:00:00 PM	Session III: Stem Cells and Regeneration	TBD	Dekel	Benjamin	Speaker
<b>DAY 3: August 16th</b>							
Day 3	8:15:00 AM	8:35:00 AM	WELCOME				
Day 3	8:35:00 AM	9:20:00 AM	KEYNOTE	TBD	Sonenberg	Nahum	KEYNOTE
Day 3	9:20:00 AM	9:40:00 AM	Session III: Stem Cells and Regeneration	Maintaining the renal epithelial phenotype in vivo and in vitro	Dressler	Greg	Speaker
Day 3	9:40:00 AM	10:00:00 AM	Session III: Stem Cells and Regeneration	Building organoids by delineating human precursor-progeny relationships and their gene regulatory networks	Lindstrom	Nils	Speaker
Day 3	10:00:00 AM	10:20:00 AM	Session III: Stem Cells and Regeneration	Podocyte differentiation and repair both utilize the same transcriptional apparatus	Kreidberg	Jordan	Speaker
Day 3	10:20:00 AM	10:40:00 AM	Session III: Stem Cells and Regeneration	TBD	Drummond	Iain	Speaker
Day 3	10:40:00 AM	11:00:00 AM	BREAK				
Day 3	11:00:00 AM	11:20:00 AM	Session III: Stem Cells and Regeneration	An unexpected origin for renal progenitors in zebrafish	Davidson	Alan	Speaker
Day 3	11:20:00 AM	11:40:00 AM	Session III: Stem Cells and Regeneration	Comprehensive Single Cell Multiomic and Spatial Metabolomic and Transcriptomic Maps of Kidney Health and Disease	Humphreys	Ben	Speaker
Day 3	11:40:00 AM	12:00:00 PM	ABSTRACT PRESENTOR	TBD			
Day 3	12:00:00 PM	12:20:00 PM	LUNCH				
Day 3	12:20:00 PM	12:40:00 PM	LUNCH				
Day 3	12:40:00 PM	1:00:00 PM	LUNCH				
Day 3	1:00:00 PM	1:20:00 PM	Session IV: Bioengineering Kidneys and Applications	TBD	TBD		Speaker
Day 3	1:20:00 PM	1:40:00 PM	Session IV: Bioengineering Kidneys and Applications	Kidney Organoids with Higher Order Structure	Nishinakamura	Ryuichi	Speaker
Day 3	1:40:00 PM	2:00:00 PM	Session IV: Bioengineering Kidneys and Applications	Human iPSC-derived renal collecting duct organoids model cystogenesis in ADPKD	Osafune	Kenji	Speaker
Day 3	2:00:00 PM	2:20:00 PM	Session IV: Bioengineering Kidneys and Applications	Window of Opportunity for Human Kidney Grafts Derived from Pluripotent Stem Cells	Freedman	Benjamin	Speaker
Day 3	2:20:00 PM	2:40:00 PM	Session IV: Bioengineering Kidneys and Applications	3D Bioprinting of Kidney Organoids to Improve Vascularization	Chung	Justin	Speaker

<u>Day</u>	<u>Start Time</u>	<u>End Time</u>	<u>Session</u>	<u>Title</u>	<u>Last Name</u>	<u>First Name</u>	<u>Role</u>
Day 3	2:40:00 PM	3:00:00 PM	Session IV: Bioengineering Kidneys and Applications	TBD	Bonventre	Joseph	Keynote, Speaker, Moderator
Day 3	3:00:00 PM	3:20:00 PM					
Day 3	3:20:00 PM	3:40:00 PM	FREE TIME				
Day 3	3:40:00 PM	4:00:00 PM	FREE TIME				
Day 3	4:00:00 PM	4:20:00 PM	FREE TIME				
Day 3	4:20:00 PM	4:40:00 PM	FREE TIME				
Day 3	4:40:00 PM	5:00:00 PM	FREE TIME				
Day 3	5:00:00 PM	6:00:00 PM	DINNER				
Day 3	6:00:00 PM	7:00:00 PM	COCKTAILS & MINGLE				
Day 3	7:00:00 PM	7:20:00 PM	Session IV: Bioengineering Kidneys and Applications	TBD	Charlton	Jennifer	Speaker
Day 3	7:20:00 PM	7:40:00 PM	Session V: Urinary Tract Development and Disease	Gene regulatory networks in early ureter development" or „ Bmp4 - hub and spoke in early ureter development	Kispert	Andreas	Speaker
Day 3	7:40:00 PM	8:00:00 PM	Session V: Urinary Tract Development and Disease	First step towards curing early onset genetic urinary bladder disease	Woolf	Adrian	Speaker
<b>DAY 4: August 17th</b>							
Day 4	8:15:00 AM	8:35:00 AM	WELCOME				
Day 4	8:35:00 AM	8:55:00 AM	Session V: Urinary Tract Development and Disease	Gene regulatory dynamics of cell fate decisions in ureteric bud development	Sanchez-Ferras	Oraly	Speaker
Day 4	8:55:00 AM	9:15:00 AM	Session V: Urinary Tract Development and Disease	Odd-skipped related 1 from Vesico-Ureteric Reflux to the Bladder	Gupta	Indra	Speaker
Day 4	9:15:00 AM	9:35:00 AM	Session V: Urinary Tract Development and Disease	Pparg controls urothelial specification via retinoid and Ezh2 signaling	Mendelsohn	Cathy	Speaker
Day 4	9:35:00 AM	9:55:00 AM	Session VI: Glomerular and Vascular Development and Disease	Uncovering the Mechanism of Proximal Tubule Impairment in Renal Tubular Dysgenesis: Insights from hiPSC-Derived Kidney Organoids	Pode Shakked	Naomi	Speaker
Day 4	9:55:00 AM	10:15:00 AM	Session VI: Glomerular and Vascular Development and Disease	TBD	Sims-Lucas	Sunder	Speaker
Day 4	10:15:00 AM	10:35:00 AM	ABSTRACT PRESENTOR	TBD			Abstract
Day 4	10:35:00 AM	10:55:00 AM	BREAK				
Day 4	10:55:00 AM	11:15:00 AM	Session VI: Glomerular and Vascular Development and Disease	Glomerular homeostasis and response to injury	Romagnani	Paola	Speaker
Day 4	11:15:00 AM	11:35:00 AM	Session VI: Glomerular and Vascular Development and Disease	TBD	Torban	Elena	Speaker
Day 4	11:35:00 AM	11:55:00 AM	Session VI: Glomerular and Vascular Development and Disease	Understanding kidney lymphatics in development and disease	Long	David	Speaker
Day 4	11:55:00 AM	12:15:00 PM	LUNCH				
Day 4	12:15:00 PM	12:35:00 PM	LUNCH				
Day 4	12:35:00 PM	12:55:00 PM	LUNCH				
Day 4	12:55:00 PM	1:15:00 PM	FREE TIME				
Day 4	1:15:00 PM	1:35:00 PM		TBD	TBD		
Day 4	1:35:00 PM	1:55:00 PM		TBD	TBD		
Day 4	1:55:00 PM	2:15:00 PM		TBD	TBD		
Day 4	2:15:00 PM	2:35:00 PM		TBD	TBD		
Day 4	2:35:00 PM	2:55:00 PM		TBD	TBD		
Day 4	2:55:00 PM	3:15:00 PM	FREE TIME				
Day 4	3:15:00 PM	3:35:00 PM	FREE TIME				
Day 4	3:35:00 PM	3:55:00 PM	FREE TIME				
Day 4	3:55:00 PM	4:15:00 PM	FREE TIME				
Day 4	4:15:00 PM	4:35:00 PM	FREE TIME				
Day 4	4:35:00 PM	4:55:00 PM	FREE TIME				
Day 4	4:55:00 PM	5:15:00 PM	FREE TIME				
Day 4	5:15:00 PM	5:35:00 PM	FREE TIME				
Day 4	5:35:00 PM	5:55:00 PM	FREE TIME				
Day 4	6:00:00 PM	7:00:00 PM	Organizing Committee & Planning for Next Meeting w. Mingling Session				
<b>ADJOURNMENT</b>							