

QRW Satellite

Asia-Pacific Kidney Development Workshop

Thursday 5 September – Friday 6 September, 2019

Rydges Hotel, Queenstown, New Zealand

Thursday 5 September		
Time	Details	Location
8.45am - 9.00am	Introduction: Alan Davidson	
9.00am – 10.00am	Plenary speaker: Andreas Schedl (A1) Université Côte d'Azur, Inserm, CNRS, iBV, France <i>“There and back again”: A journey through kidney development on the back of WT1</i>	Dart Room
10.00am - 10.30am	MORNING TEA	Trade Area
<u>Morning Session</u>		
10.30am - 11.00am	Leif Oxburgh (A2) The Rogosin Institute, USA <i>Control of proliferation in the interstitium of the developing kidney</i>	Dart Room
11.00am - 11.30am	Xia Yun (A3) Nanyang Technological University, Singapore <i>Generating Patterned Kidney Organoids for Modeling Development and Diseases</i>	Dart Room
11.30am - 12.00pm	Sean Wilson (A4) Murdoch Children’s Research Institute, Australia <i>Directing isolated GATA3+CDH1+ structures from kidney organoids to an improved ureteric epithelial identity</i>	Dart Room
12.00pm - 12.30pm	Veronika Sander (A5) University of Auckland, NZ <i>Kidney organoids to model nephrotoxicity – advantages and limitations</i>	Dart Room
12.30pm – 2.00pm	LUNCH	Trade Area
<u>Afternoon Session</u>		
2.00pm – 2.30pm	Sanjeev Kumar (A6) <i>sponsored by Maurice Wilkins Centre</i> Cedars-Sinai Medical Center, USA <i>Local tissue damage microenvironment induces distinct resident interstitial cell subsets to drive regional fibrotic responses after acute kidney injury</i>	Dart Room
2.30pm – 3.00pm	Aleksandr Vasilyev (A7) New York Institute of Technology, USA <i>Non-mammalian models of kidney development and regeneration</i>	Dart Room
3.00pm – 3.30pm	Cherie Stayner (A8) University of Otago, NZ <i>Do epigenetic events underpin potential new treatment targets in cystic kidney disease?</i>	Dart Room

3.30pm – 4.30pm	AFTERNOON TEA and POSTERS	Foyer Outside Room
7.30pm	CONFERENCE DINNER The Ballarat Trading Co.	

Friday 6 September		
Time	Details	Location
<u>Morning Session</u>		
8.30am - 9.00am	Dagmar Iber (A9) ETH Zurich, Switzerland <i>From Networks to Function – Computational Models of Organogenesis</i>	Dart Room
9.00am - 9.30am	Kieran Short (A10) Monash University, Australia <i>Growth and patterning of the developing mouse kidney</i>	Dart Room
9.30am - 10.00am	Kynan Lawlor (A11) Murdoch Children’s Research Institute, Australia <i>Nephron progenitor commitment is a stochastic process influenced by cell migration</i>	Dart Room
10.00am-10.30am	MORNING TEA	Trade Area
10.30am -11.00am	Alexander Combes (A12) Murdoch Children’s Research Institute, Australia <i>Using single cell analysis to investigate kidney development and inform renal regeneration</i>	Dart Room
11.00am - 11.30am	Hao Li (A13) University of Helsinki, Finland <i>GDNF regulates renal development through control of the progenitor populations</i>	Dart Room
11.30am - 12.00pm	Lori O’Brien (A14) University of North Carolina, USA <i>Interrogating kidney neurovascular function during development</i>	Dart Room
12.00pm - 12.30pm	Ian Smyth (A15) Monash University, Australia <i>Using diagnostic genomics to identify novel kidney disease genes – the Kidgen experience</i>	Dart Room
12.30pm – 2.00pm	LUNCH	Trade Area
<u>Afternoon Session</u>		
2.00pm – 2.30pm	Björn Oback (A16) <i>sponsored by Bio-Strategy Ltd</i> AgResearch, NZ <i>Generating anephric, immune-compatible sheep for kidney complementation</i>	Dart Room
2.30pm – 3.00pm	Xiangjian Zheng (A17) University of Sydney, Australia	Dart Room

	<i>CCM3-STK complex controls kidney water reabsorption by maintaining water permeable epithelial fate</i>	
3.00pm – 3.30pm	Megan Sutherland (A18) Menziess School of Health Research, Australia <i>Adverse impact of preterm birth and/or intrauterine growth restriction on kidney development: Implications to the lifelong renal health of Indigenous Australians</i>	Dart Room
3.30pm – 4.00pm	AFTERNOON TEA	Trade Area
4.00pm – 4.30pm	George Chang (A19) University of Auckland, NZ <i>WT1 mediates the unfolded protein response via NFE2L1 interaction</i>	Dart Room
4.30pm – 5.00pm	Alan Davidson (A20) University of Auckland, NZ <i>Discovery of a new WT1-related urogenital syndrome in New Zealand</i>	Dart Room
5.00pm	Closing remarks: Alan Davidson	Dart Room