

QRW Programme

Cell Communications

01 September – 02 September, 2016
Rutherford Hotel, Nelson, New Zealand

Thursday 01 September

Time	Details	Location
Cellular Response to Signals Chaired by Dr James Murphy (WEHI)		
9.00am - 9.05am	Welcome: Cherie Blenkiron The University of Auckland	Riwaka Room
9.05am - 9.30am	Caitlin Oyagawa (C1) The University of Auckland, NZ <i>Two Pathways for Cannaboid Receptor 2 Cell Surface Delivery: Motif-Driven versus Pharmacological Chaperoning</i>	Riwaka Room
9.30am - 9.45am	TBA	Riwaka Room
9.45am - 10.00am	Kathryn Lee (C3) The University of Auckland, NZ <i>Responses to vesiculin identify the existence of a signaling pathway that can bypass insulin resistance</i>	Riwaka Room
10.00am - 10.30am	Morning Coffee	Maitai 1
Awards and Poster Pitches: Show Nelson your Cell Communications Chaired by Dr Cherie Blenkiron (The University of Auckland)		
10.30am - 10.35am	Introduction and Awards: Cherie Blenkiron The University of Auckland	Riwaka Room
10.35am - 11.05am	Richard Lobb (C4) QIMR Berghofer, AU <i>Hypoxic Exosome Signature Predicts Disease Progression in Non-Small Cell Lung Cancer Patients</i>	Riwaka Room
11.05am - 11.35am	Holly Anderton (C5) Walter and Eliza Hall Institute, AU <i>Inhibitor of APOptosis proteins (IAPs) limit inflammation in the skin</i>	Riwaka Room
11.35am - 12.05pm	Ken Witwer (C6) The Johns Hopkins University School Of Medicine, USA <i>Cross-organism communication: stoichiometry and compatibility considerations</i>	Riwaka Room
12.05pm - 12.10pm	Matthew Rowe (C7) Victoria University Of Wellington, NZ <i>Intercellular Mitochondrial Transfer: Genetic Approaches</i>	Riwaka Room
12.10pm - 12.15pm	Vanessa Chang (C8) The University of Auckland, NZ <i>Characterization of Mycobacterial Membrane Vesicles</i>	Riwaka Room
12.15pm - 12.20pm	Nurul Izza Ismail (C9) Auckland Bioengineering Institute, NZ <i>Investigation of maternal natural killer cell intracellular signalling cascades during pregnancy</i>	Riwaka Room
12.20pm - 12.25pm	Khahn Tran (C10)	Riwaka Room

	The University of Auckland, NZ <i>VEGF-A Release is Higher in Melanoma Cells Harboring V600E BRAF Mutations</i>	
12.30pm - 1.45pm	Lunch	Maitai 1
<u>Plant Cellular Signalling Joint Session with Plant Biology Meeting</u> Chaired by Dr Kevin Davies (Plant and Food Research)		
1.45pm - 2.30pm	Marilyn Anderson (C11/P7) La Trobe University, AU <i>Fungal cell walls are dynamic structures that can enhance cell survival in the presence of antifungal molecules</i>	Waimea Room
2.30pm - 3.00pm	Barry Pogson (C12/P8) Australian National University, AU <i>Learning the language of the chloroplast: Retrograde signals that regulate stomatal and ABA responses</i>	Waimea Room
3.00pm - 3.30pm	Bruce Veit (C13/P9) Massey University, NZ <i>A genetic analysis of TOR in plants: Novel facets of an ancient form of growth control</i>	Waimea Room
3.30pm - 4.00pm	Afternoon Tea	Maitai 1
<u>Regulating Hormone Secretion/ G-Protein Coupled Receptor Signalling Joint Session with Diabetes Meeting</u> Chaired by TBC (TBC)		
4.00pm - 4.30pm	Peter Shepherd (C14/DXX) The University of Auckland, NZ <i>The catenins as a major component of the glucose sensitive insulin secretion system</i>	Maitai 2
4.30pm - 5.00pm	Weiping Han (C15/DXX) Singapore Bioimaging Consortium <i>Insulin secretion systems</i>	Maitai 2
5.00pm - 5.30pm	Debbie Hay (C16/DXX) The University of Auckland, NZ <i>Amylin agonists in diabetes and obesity</i>	Maitai 2
5.30pm - 6.00pm	Patrick Sexton (C17/Dxx) Monash University, AU <i>Understanding biased agonism at the GLP-1 receptor</i>	Maitai 2
6.00pm - 7.00pm	Poster Session	Maitai 2
7.00pm	Cell Communications Dinner - Lambrettas	

Friday 02 September		
Time	Details	Location
<u>Intercellular Signalling</u> Chaired by Dr Melanie McConnell (Victoria University)		
9.00am - 9.10am	Poster Awards: Cherie Blenkiron University of Auckland	Riwaka Room
9.10am - 9.35am	Mike Berridge (C18) Malaghan Institute, NZ <i>Mitochondrial genome transfer from the microenvironment to tumour cells without mitochondrial DNA enables tumour growth and</i>	Riwaka Room

	<i>metastasis in metastatic melanoma, in breast cancer and in a brain tumour model.</i>	
9.35am - 10.00am	James Murphy (C19) Walter and Eliza Hall Institute, AU <i>Evasive manoeuvres: diversion and divergence in signalling pathways</i>	Riwaka Room
10.00am - 10.30am	Morning Coffee	
Extracellular Vesicles I Chaired by Dr David Greening (La Trobe)		
10.30am - 11.00am	Andy Hill (C20) Sponsored by Thermo Fisher Scientific La Trobe University, AU <i>The role of extracellular vesicles in neurodegenerative diseases</i>	Riwaka Room
11.00am - 11.30am	Alex McLellan (C21) Sponsored by Beckman Coulter The University of Otago, NZ <i>Procoagulant and immunogenic properties of tumour exosomes, microvesicles and apoptotic vesicles</i>	Riwaka Room
11.30am - 11.45am	Murray Broom (C22) IZON, NZ <i>Integrated methodology for purification, detailed biophysical characterization and phenotyping of extracellular vesicles from biological fluids</i>	Riwaka Room
11.45am - 12.15pm	Cath Suter (C23) Victor Chang Cardiac Research Institute, AU <i>Extracellular vesicles in the transgenerational transmission of environmental effects</i>	Riwaka Room
12.15pm - 12.45pm	Georges Grau (C24) Sponsored by Thermo Fisher Scientific The University of Sydney, AU <i>Membrane microparticles as crucial effectors in immunopathology</i>	Riwaka Room
12.45pm - 1.30pm	Lunch	Maitai 1
Extracellular Vesicles II Chaired by Prof. Andy Hill (La Trobe)		
1.30pm - 2.00pm	Carlos Salomon Gallo (C25) University of Queensland Centre for Clinical Research, AU <i>Exosomal signaling during pregnancy and ovarian cancer progression: small packages but big players</i>	Riwaka Room
2.00pm - 2.30pm	David Greening (C26) La Trobe University, AU <i>Exosomes and tumorigenesis – regulating the tumour microenvironment</i>	Riwaka Room
2.30pm - 3.00pm	Michael Buckland (C27) University of Sydney, AU <i>Serum exosomal RNA as a biomarker in multiple sclerosis</i>	Riwaka Room
3.00pm - 3.15pm	Jia Wei (C28) The University of Auckland, NZ	Riwaka Room

	<i>Placental trophoblastic debris mediates fetomaternal communication via small RNA delivery: implications for preeclampsia</i>	
3.15pm - 3.30pm	Navind Jayasooriah (C29) Victor Chang Cardiac Research Institute, AU <i>Extracellular vesicles – the next small thing in epigenetic inheritance</i>	Riwaka Room
3.30pm - 4.00pm	Afternoon Tea	Maitai 1
Microbe Communication Chaired by TBC (TBC)		
4.00pm - 4.30pm	Mike Taylor (C30) The University of Auckland, NZ <i>Elucidating the host-microbe interplay in chronic rhinosinusitis</i>	Riwaka Room
4.30pm - 5.00pm	Simon Swift (C31) The University of Auckland, NZ <i>Membrane vesicles as vectors for cross-kingdom communication</i>	Riwaka Room
5.00pm	Close of Meeting	Riwaka Room