

QRW Programme

Cell Signalling Satellite

Thursday 7 – Friday 8 September, 2017
Rydges Hotel, Queenstown, New Zealand

Thursday 7 September

Time	Details	Location
	Cancer Signalling – Chair Peter Shepherd	
9.00 am	Peter Shepherd University of Auckland <i>New mechanisms for targeting signalling pathways in melanoma</i>	QT 2
9.25 am	Glen Reid Asbestos Diseases Research institute, Sydney <i>cMyc links to miRNA in mesothelioma</i>	QT 2
9.40am	Adam Patterson University of Auckland <i>Role of EGFR heterozygosity in treatment response of NSCLC to tyrosine kinase inhibitors</i>	QT 2
<u>Morning tea break</u>		
	Signalling and the cytoskeleton – Chair Brie Sorrenson	QT 2
10.30am	Alpha Yap University of Queensland <i>Mechanochemical regulation of RhoA signaling</i>	QT 2
11.00am	Peter Gunning University of New South Wales <i>Regulation of cell signalling pathways by actin filaments containing different tropomyosin</i>	QT 2
11.30am	Peter Thorn University of Sydney <i>How are functional domains established in beta cells?</i>	QT 2
12.00pm	Short talk: Brie Sorrenson University of Auckland <i>PAK kinase in regulation of beta-catenin</i>	QT 2
12.15pm	Short talk: Waruni Dissanayake University of Auckland <i>Alpha catenin regulates insulin secretion</i>	QT 2
<u>Lunch Break</u>		

	<u>Mitochondrial Signalling</u> (Joint session with Mitochondria Satellite) Chaired by Mark Hampton	
1.30pm – 2.00pm	Nigel Turner University of New South Wales, Sydney <i>Exploring mitochondrial stress signalling</i>	QT 1
2.00pm – 2.30pm	Troy Merry University of Auckland <i>The insulin receptor in ageing and fatty liver disease</i>	QT 1
2.30pm – 3.00pm	Shane Thomas University of New South Wales, Sydney <i>Novel role for the mitochondrial sodium/calcium exchanger NCLX in regulating VEGF-induced signalling in endothelial cells</i>	QT 1
3.00pm – 3.30pm	Donghai Wu GIBH, China <i>Screening and characterisation of natural products that induce expression of a key mitochondrial protein UCP-1 for the treatment of metabolic diseases</i>	QT 1
<u>Afternoon Tea</u>		
	Metabolic Signalling – Chair Denise Wootten	
4.00 pm	Chris Walker <i>sponsored by Beckman Coulter</i> University of Auckland <i>Exploring Class B GPCR signalling in sensory neurons</i>	QT 2
4.25 pm	Ming-Wei Wang Shanghai Institute of Materia Medica, Chinese Academy of Sciences <i>Fifteen years of scientific exploration on class B GPCRs exemplified by human GLP-1R and GCGR.</i>	QT 2
4.50 pm	Short talk - Emma Wade University of Otago <i>Mutation discovery in frontometaphyseal dysplasia reveals novel signalling mechanisms in bone</i>	QT 2
5.05 pm	Short talk: Phil Heyward University of Otago <i>Lithium effect on brain networks via regulating K+ channels</i>	QT 2
5.30-7.00pm	Poster Session <i>sponsored by Beckman Coulter</i> Social Mixer	Trades Area
7.00pm	Joint dinner with Proteins satellite at Bazaar Restaurant at Rydges Hotel.	Bazaar Restaurant, Level 6

Friday 8 September		
Time	Details	Location
Growth Hormone Signalling – Chair Jo Perry		
9.00am	Jon Sayers University of Sheffield, UK <i>Receptor-ligand fusion approaches for creation of long-acting cytokine-based therapeutics.</i>	QT 2
9.35am	Jo Perry <i>sponsored by Thermo Fisher Scientific</i> University of Auckland <i>Growth hormone signalling in cancer</i>	QT 2
Morning tea		
Joint session with Proteins Satellite		
10.30am	John Burke University of British Columbia, Canada <i>Exploring the structure and dynamics of phosphoinositide kinases and their role in disease</i>	Queenstown Room
11.10	Peter Mace University of Otago <i>Apoptosis Signal-regulating Kinases–linking redox stress to MAPK signalling</i>	Queenstown Room
11.35	Catherine Day <i>sponsored by Beckman Coulter</i> University of Otago <i>Building chains - characterisation of ubiquitin chain assembly by TRAF proteins</i>	Queenstown Room
12.00	Denise Wooten Monash University <i>Novel insights into class B GPCR activation and signalling</i>	Queenstown Room
Lunch		
	Signalling in Cancer – Chair Parry Guilford <i>sponsored by Bio-Strategy</i>	QT 2
1.30pm	Parry Guilford <i>sponsored by Bio-Strategy</i> University of Otago <i>E-cadherin's synthetic lethal interactions</i>	QT 2
1.55pm	Thomas Cox <i>sponsored by Beckman Coulter</i> Garvan Institute, Sydney <i>Remodelling of the extracellular matrix in cancer</i>	QT 2
2.20pm	David Croucher <i>sponsored by Beckman Coulter</i> Garvan Institute <i>Targeting chemoresistance through predictive models of drug induced signalling</i>	QT 2
2.45pm	Short talk: Samantha Oakes, Garvan Institute, Sydney, <i>MCL-1 inhibition provides a new way to suppress breast cancer metastasis and increase sensitivity to dasatinib.</i>	QT 2

Afternoon Tea

	Signalling and Metabolism – Chair Jacqui Stoeckli	QT 2
3.30pm	Jacqueline Stoeckli University of Sydney <i>Gene Environment analysis of Insulin Resistance</i>	QT 2
3.55pm	Greg Smith <i>sponsored by Thermo Fisher Scientific</i> University of New South Wales <i>Teaching an old drug new tricks: The beneficial effects of the anthelmintic niclosamide on glucose homeostasis</i>	QT 2
4.20pm	Jack Flanagan University of Auckland <i>New insight into understanding the activation of PI 3-kinase</i>	QT 2