

MedSci 2016 Programme at a glance

Monday 29th August 2016

6.00 pm – 6.30 pm	Opening: Peter Shepherd , Queenstown Research Week Chair
6.30 pm – 8.00 pm	QRW Lecture: Professor John Gurdon (Nobel Laureate) 'Title TBA'
8.00 pm	QRW Social

Tuesday 30th August 2016 – Societies Day

9.00 am – 10.00 am	MedSci Plenary Lecture: David Eisner, The University of Manchester, UK, 'Calcium in the heart in health and disease'		
10.00 am – 10.30 am	Morning Tea		
10.30 am – 12.30 pm	Session 1A Free communications	Session 1B Biomed Tech Prize Finalists and Free Communications	Session 1C Free communications
12.30 pm – 1.30 pm	Lunch		
1.30 pm – 3.30 pm	Session 2A Free communications	Session 2B Free communications	Session 2C Free communications
3.30 pm – 4.00 pm	Afternoon Tea		
4.00 pm – 6.00 pm	Session 3A Free communications	Session 3B Free communications	Session 3C Free communications
6.00 pm – 7.30 pm	Combined MedSci & QMB Poster Session + Mixer		

Wednesday 31st August 2016 – Symposia Day

9.00 am – 10.00 am	MedSci Plenary Lecture: Javier Stern, Augusta University, USA, 'Synaptic and non-synaptic mechanisms regulate autonomic-neuroendocrine integration in the hypothalamus'	
10.00 am – 10.30 am	Morning Tea	
10.30 am – 12.30 pm	Symposium 1A (PSNZ) - Stress responses in cardiac and skeletal muscle Prof Roberta Gottlieb (USA) - Mitochondrial turnover & cardioprotection Prof Lea Delbridge (AUS) - Paradoxical cardiac responses to metabolic stress	Symposium 1B (CNE) - Neurosecretion: the bigger picture Prof Paul Le Tissier (UK) - Neurosecretion and novel mechanisms for its in vivo measurement

	<p>Dr Rajesh Katare (NZ)- The role of beclin1 in the diabetic heart</p> <p>Dr Troy Merry (NZ) - ROS and metabolic signalling in skeletal muscle</p>	<p>Professor Peter Thorn (AUS) - Neurosecretion from pancreatic beta cells</p> <p>Dr Brie Sorrenson (NZ) - New observations on neurosecretion from pancreatic beta-cells</p> <p>A/Prof Stephen Bunn (NZ) - Neurosecretion from adrenal chromaffin cells</p> <p>Dr Merja Joensuu (AUS) - Single vesicle tracking by nanoscale topographic imaging</p>
12.30 pm – 1.30 pm	Lunch and MedSci AGM	
1.30 pm – 3.30 pm	<p>Symposium 2A (PSNZ) - Interventional approaches targeting the sympathetic nerves in cardiovascular disease</p> <p>A/Prof Ivan Sammut (NZ) - Renal denervation in diabetes</p> <p>Dr Maximilian Pinkham (NZ) - Heart Failure: are women less sympathetic than males?</p> <p>Dr Lindsea Booth (AUS) - Re-innervation of renal nerves after catheter based denervation</p> <p>Dr David Jardine (NZ) - TBA</p>	<p>Symposium 2B (IBT) - Respiratory Diagnostics and Therapies</p> <p>Prof Jason Bates (USA) - Mechanical ventilation and acute lung injury</p> <p>Prof Frank Bloomfield (NZ) - Gas flows and lung injury in ventilated preterm babies</p> <p>Prof Paul Young (AUS) - Innovative Devices and Therapies for Respiratory Diseases</p> <p>Dr Stanislav Tatkov (NZ) - Respiratory Therapy with Nasal High Flow</p>
3.30 pm – 4.00 pm	Afternoon Tea	
4.00 pm – 6.00 pm	<p>Symposium 3A (ABI) - State-of-the-art computational modelling tools developed to solve physiology problems</p> <p>Professor Edmund Crampin (AUS) - System Biology</p> <p>Dr Vijay Rajagopal (AUS) - 3D cell imaging</p> <p>Dr Alys Clark (NZ) - Computer modelling of placenta</p> <p>A/Prof Thor Besier (NZ) - Modelling musculoskeletal system</p>	<p>Symposium 3B (NZSE) - Female reproduction: control of oocyte development and ovulation</p> <p>Dr Karla Hutt (AUS) - Mechanisms of quality control in the female germ line</p> <p>Dr Michael Pankhurst (NZ) - Transgenic overexpression of AMH reduces female fertility</p> <p>A/Prof Rebecca Robker (AUS) - Impact of obesity on female fertility and offspring mitochondrial inheritance</p> <p>Dr Jenny Juengel (NZ) - Reproductive characteristics of sheep with mutations in the leptin receptor</p>
6.00 pm	Closing	
6.00 pm	Fashionomics	
7.00 pm	Combined MedSci & QMB Dinner + Prize-giving	