

## MedSci 2023 Programme at a glance

### Monday 28<sup>th</sup> August 2023

4.00pm-6.00 pm	<b>Posters</b> <i>sponsored by BGI Australia and New Zealand</i>
6.00pm-7.00 pm	Nobel Laureate lecture <i>sponsored by University of Otago</i> <b>Professor David Julius</b> <b>University of California San Francisco</b> <i>Gut feelings: Probing mechanisms of visceral pain</i>  Opening: Justin O'Sullivan Queenstown Research Week Convenor
7.00pm-9.00 pm	Fashionomics <i>sponsored by Thermo Fisher Scientific</i>

### Tuesday 29<sup>th</sup> August 2023

9.00am-10.00am	MedSci Plenary Lecture 1 <b>Prof Michael Horowitz</b> <b>Adelaide Medical School</b> <b>Talk title: <i>Incretins, GLP-1 and control of gut function</i></b>	
10am-10.30am	Morning Tea	
10.30am-12.30pm	Session 1A: <b>PSNZ Bullivant Prize Finalists</b>	Session 1B: <b>Free communications and Infoblitz</b>
12.30pm-1.30pm	Lunch and separate <b>PSNZ &amp; MedSciNZ AGMs</b>	
1.30pm-3.30pm	Session 2A: <b>PSNZ Hubbard Prize Finalists and Early Career Finalists</b>	Session 2B: <b>NZSE Prize Talks</b>
3.30pm-4.00pm	Afternoon Tea	
4.00pm-5.00pm	Session 3A: <b>Free communications and Infoblitz</b>	Session 3B: <b>Free communications and Infoblitz</b>
5.45pm-10pm	MedSci Dinner + Prize-giving, Walter Peak Station Board the TSS Earnslaw boat at the Steamer Wharf at 5.45 (departs at 6.00pm) <i>sponsored by Mediscope International Limited</i>	

Wednesday 30 <sup>th</sup> August 2023		
9.00am-10.00am	MedSci Plenary Lecture 2: <b>Associate Professor James Fisher</b> <b>University of Auckland</b> <b>Talk Title:</b> Sympathetic neurocirculatory regulation in human health and hypertension	
10am-10.30am	Morning Tea	
10.30am-12.30pm	Session 4A: <b>PSNZ: Cardiometabolic health</b> Chairs: Assoc Prof Regis Lamberts and Dr Helen Waddell (University of Otago)	Session 4B: <b>Pūtahi Manawa CoRE: Education and Outreach in Science Technology Engineering (Arts) &amp; Mathematics (STEM/STEAM)</b> Chairs: Dr Anuj Bhargava and Ms Lisa Wong (University of Auckland)
12.30pm-1.30 pm	Lunch	
1.30pm-3.30 pm	Session 5A: <b>Auckland University of Technology and Pūtahi Manawa CoRE: Data and Digital Technology in Healthcare</b> Chairs: Prof Andrew Lowe (Auckland University of Technology) and Ms Lisa Wong (University of Auckland)	Session 5B: <b>Centre for Neuroendocrinology Hot Topics in Neuroendocrinology and Neuroscience</b> Chairs: Professor Greg Anderson and Dr Rosie Brown (University of Otago, Centre for Neuroendocrinology)
3.30pm-4.00 pm	Afternoon Tea	
4.00pm-5.30 pm	Session 6A: <b>Free communications and Infoblitz</b>	Session 6B: <b>NZ Endocrine Society Glucagon-like-peptide agonists: new hope for obesity and diabetes treatment.</b> <b>Chairs:</b> Prof Greg Anderson and Dr Aline Boer (University of Otago)

<b>Monday, August 28<sup>th</sup> 2023</b>	
<b>Poster session</b>	
4.00pm- 6.00pm	<b>MedSci posters</b> <i>sponsored by BGI Australia and New Zealand</i> <b>Dart Room and Foyer</b>
6.00pm- 7.00pm	<b>Nobel Laureate Lecture – Prof David Julius</b> <b>Opening: Justin O’Sullivan, Queenstown Research Week Chair</b> <i>sponsored by University of Otago</i> <b>Queenstown &amp; Wakatipu room. Live Stream in Clancy’s room</b>
7.00pm- 10.00pm	<b>Fashionomics</b> <i>sponsored by Thermo Fisher Scientific</i> <b>Trades Area, Level 4, Rydges Hotel (with drinks)</b>

<b>Tuesday, August 29<sup>th</sup> 2023</b>			
<b>MedSci Plenary Lecture 1</b>			
<b>Queenstown &amp; Wakatipu Room</b>			
9.00am- 10.00am	<b>Prof Michael Horowitz (MS1)</b> <b>Adelaide Medical School</b> <i>The ‘Incretin Effect’ – Backwards and Forwards</i> <b>Chair: Greg Anderson</b>		
10.00am- 10.30am	<b>Morning Tea: Trade Exhibition Area, Level 4</b>		
10.30am- 12.30pm	Session 1A: <b>PSNZ Bullivant Prize Finalists</b> <b>Room:</b> Clancy's Room, Level 5 <b>Chairs:</b> Assoc Prof Marie Ward & tbc	10.30am- 12.30pm	Session 1B: <b>Free communications – 8 minute talks</b> <b>Room:</b> QT Dart Room <b>Chairs:</b> Assoc Prof Rajesh Katare and Dr Amelia Power
10.30am- 10.45am	<b>1A.1 Bullivant Prize Finalist 1:</b> <b>Ms Tania Warnakulasuriya (MS2)</b> University of Auckland, Physiology <i>Mechanical circulatory support using the Impella pump reduces directly recorded renal sympathetic nerve activity in cardiogenic shock</i>	10.30am- 10.40am	<b>1B.1 Dr Amelia Power (MS9)</b> University of Auckland, Physiology <i>Modulating mitochondrial calcium to improve energy supply in the human heart</i>
10.45am- 11.00am	<b>1A.2 Bullivant Prize Finalist 2:</b> <b>Mr Harvey Walsh (MS3)</b> University of Auckland, Physiology <i>Cerebrovascular carbon dioxide reactivity is impaired in atrial fibrillation patients with concurrent hypertension</i>	10.40am- 10.50am	<b>1B.2 Dr Hussam Moammer (MS10)</b> University of Auckland, Physiology <i>Investigating Pirfenidone and Collagen VI Relation to Fibrotic Changes in the T-Tubules of A Failing Heart</i>
		10.50am- 11.00am	<del><b>1B.3 Miss Stephanie Thwaite (MS11)</b></del> WITHDRAWN

11.00am-11.15am	<b>1A.3 Bullivant Prize Finalist 3: Miss Celine Camon (MS4)</b> University Of Otago, Anatomy <i>The Metabolic Effects of 17-Alpha Estradiol are not Exclusively Mediated by Estrogen Receptor Alpha in Glutamatergic or GABAergic Neurons</i>	11.00am-11.10am	<b>1B.4 Dr Abdallah Hasaballa (MS12)</b> University of Auckland, Bioengineering <i>Beat-to-Beat Variability of Left Ventricular Pressure-Volume Loops: Implications for Cardiac Function Assessment</i>
11.15am-11.30am	<b>1A.4 Bullivant Prize Finalist 4: Miss Sryana Sukdev (MS5)</b> University of Auckland, Physiology <i>Nebulised Sodium Nitrite to Preferentially Dilate Penumbra vessels, following Ischemic Stroke... a NO brainer</i>	11.10am-11.20am	<b>1B.5 June-Chiew Han (MS13)</b> University of Auckland, Bioengineering <i>Cardiac Efficiency and Starling's Law of the Heart</i>
11.30am-11.45am	<b>1A.5 Bullivant Prize Finalist 5: Miss Kyra Bingham (MS6)</b> University of Otago, Physiology <i>From Fat to Fibrillation: Investigating the Relationship between Epicardial Adipose Tissue, Atrial Fibrillation, and Obesity</i>	11.20am-11.30am	<b>1B.6 Helen Waddell (MS14)</b> University of Otago, Physiology <i>Adenoviral transduction of human CSQ2 into atrial biopsies</i>
11.45am-12.00pm	<b>1A.6 Bullivant Prize Finalist 6: Dr Joshua Chang (MS7)</b> University of Auckland, Physiology <i><math>\beta</math>-blockers cause further impairments in exercise capacity in a pre-clinical model of heart failure with preserved ejection fraction</i>	11.30am-11.40am	<b>1B.7 Dr Mridula Pachen (MS15)</b> University of Auckland, Physiology <i>Breaking tension: P2X3 receptor antagonism decreases blood pressure in hypertension</i>
		11.40am-11.50pm	<b>1B.8 Dr Alexander Reichenbach (MS16)</b> Monash University, Physiology <i>Acute stress regulates Agrp neuronal activity</i>
		11.50am-12.00pm	<b>1B.13 Prof Paul Docherty on behalf of Miss Ciara Rayne (MS17)</b> University of Canterbury, Mechanical Engineering <i>Wound healing predictions for diabetic foot ulcers using stochastic modelling</i>
12.00pm-12.15pm	<b>1A.7 Bullivant Prize Finalist 7: Miss Lauren Watson (MS8)</b> University of Auckland, Nutrition <i>An interleukin-6 promoter variant (-174 G&gt;C) alters exercise-related gene transcriptional responses to exercise in mouse skeletal muscle.</i>	12.00pm-12.10pm	<b>1B.9 Dr Robyn May (MS18)</b> University of Auckland <i>Newborn clinical digital twins: personalised computational models of the neonatal circulation to understand cardiovascular remodelling related to prematurity</i>
		12.10pm-12.15pm	<b>1B.9 Miss Brenna Leong (MS19)</b> University of Otago, Physiology <i>Myocardial infarction size modulates post MI sympathetic activity</i>
		12.15pm-12.20pm	<b>1B.10 Miss Alycia Kinns (MS20)</b> University of Otago, Physiology

		12.20pm-12.25pm	<i>The anti-arrhythmic effects of maintaining CK2 constitutive phosphorylation of RyR2.</i> <b>1B.11 Miss Elena Cruz (M21)</b> University of Otago, Physiology <i>Determining the Functional Effect of Phosphorylated Calsequestrin II in Heart Failure</i>
		12.15pm-12.20pm	<b>1B.12 Mr Elliot Sibbles (MS22)</b> University of Otago, Physiology <i>Determining the functional effect of CSQ2 glycosylation on calcium-handling and heart failure</i>
<b>12.30pm-1.30pm</b>	<b>12.30pm PSNZ AGM</b> <b>1.00pm MedSciNZ AGM</b> Clancy's Room		
<b>12.30pm-1.30pm</b>	<b>Lunch: Trade Exhibition Area, Level 4, Rydges Hotel</b> <b>Early Career Lunch w Nobel Prize Winner: Trade Exhibition Area</b> <i>sponsored by Mediray NZ Ltd</i>		
<b>1.30pm-3.30pm</b>	Session 2A <b>PSNZ Hubbard Prize &amp; Early Career Researcher Prize Finalists</b> <b>Room:</b> Clancy's Room, Level 5 <b>Chairs:</b> Assoc Prof Rohit Ramchandra & Professor Rebecca Campbell		Session 2B <b>NZSE Medi'Ray Best Student Presentation Award - Oral Finalists</b> <b>Room:</b> QT Dart Room <b>Chairs:</b> Professor Greg Anderson & Dr Celine Camon
1.30pm-2.00pm	<b>2A.1 Hubbard Prize Finalist 1: Benjamin Lear (MS23)</b> University of Auckland, Physiology <i>A timely intervention: the preclinical development of a preventative treatment for cerebral palsy in preterm fetal sheep.</i>	1.30pm-1.45pm	<b>2B.1: NZSE Student Oral finalist 1: Melany Malcolm (MS27)</b> University of Otago, Anatomy <i>High-protein diets impair glucose tolerance in late pregnancy in mice</i>
		1.45pm-2.00pm	<b>2B.2: NZSE Student Oral finalist 2: Andrew Stewart (MS28)</b> University of Otago, Anatomy <i>The role of lactogenic hormones in late pregnancy fever suppression in mice</i>
2.00pm-2.30pm	<b>2A.2: Hubbard Prize Finalist 2: Dhananjie Chandrasekera (MS24)</b> University of Otago, Physiology <i>The role of pericardial fluid exosomes in diabetic heart disease</i>	2.00pm-2.15pm	<b>2B.3: NZSE Student Oral finalist 3: Rebecca Lord (MS29)</b> University of Otago, Anatomy <i>Neuronal deletion of STAT3, but not ERK2, causes obesity and delayed puberty onset in mice.</i>

		2.15pm-2.30pm	<b>2B.4: NZSE Student Oral finalist 4: James Cox (MS30)</b> University of Otago, Physiology <i>The role of stress on reward seeking behaviour</i>
2.30pm-3.00pm	<b>2A.3: PSNZ Early-Career Prize Finalist 1: Dr Pratik Thakkar (MS25)</b> University of Auckland, Physiology <i>GLP1 receptor agonist ameliorates high blood pressure and high blood sugar in a rat model of "glucotension"</i>	2.30pm-2.45pm	<b>2B.5: NZSE Student Oral finalist 5: Chantelle Murrell (MS31)</b> University of Otago, Anatomy <i>AgRP neuron activity throughout pregnancy</i>
3.00pm-3.30pm		2.45pm-3.15pm	<b>2B.6 NZSE Emerging Researcher talk: (MS32)</b>
3.00pm-3.30pm	<b>2A.4: PSNZ Early-Career Prize Finalist 2: Dr Mickey Fan (MS26)</b> University of Auckland, Physiology <i>Effects of 10-hour normobaric hypoxia on cerebrovascular and ventilatory CO2 responsiveness; the central role of bicarbonate concentration</i>		
<b>3.30pm-4.00pm</b>	<b>Coffee Break: Trade Exhibition Area, L4, Rydges Hotel</b>		
<b>4.00pm-5.00pm</b>	<b>Session 3A</b> <b>Free communications and Infoblitz Room:</b> Clancy's Room, Level 5 <b>Chairs:</b> Dr David Crossman & Dr Dhananjie Chandrasekera	<b>4.00pm-5.00pm</b>	<b>Session 3B:</b> <b>Free communications and Infoblitz Room:</b> QT Dart Room <b>Chairs:</b> Dr Julia Shanks & Dr Jamie McQuillan
4.00pm-4.10pm	<b>3A.1: Miss Briana Steven (MS33)</b> University of Canterbury, Mechanical Engineering <i>Increased efficiency in particle image velocimetry (PIV) analysis using pixel relaxation and gradient descent optimisation.</i>	4.00pm-4.10pm	<b>3B.1: Dr Syed Shahid (MS41)</b> Eastern Institute of Technology <i>Genetic susceptibility and risk of nephropathy in diabetes: research implications for ethnic communities in New Zealand</i>
4.10pm-4.20pm	<b>3A.2: Miss Petra White (MS34)</b> University of? Department? <i>The utility of MRI and EEG for detecting the onset and evolution of impaired brain development following inflammation in the neonatal rat</i>	4.10pm-4.20pm	<b>3B.2: Miss Thalia Babbage (MS42)</b> University of Auckland, Physiology <i>Oral pyridoxine supplementation attenuates heightened peripheral chemoreflex sensitivity in human hypertension</i>

4.20pm-4.30pm	<b>3A.3: Dr Calvin Young (MS35)</b> University of Otago, Psychology <i>Whole-brain activity mapping of stress in the zebrafish</i>	4.20pm-4.30pm	<b>3B.3: Dr Tonja Emans (MS43)</b> University of Auckland, Physiology <i>Photoacoustic imaging of the brain in a preclinical model of stroke: an 'open-minded' approach.</i>
4.30pm-4.40pm	<b>3A.4 Felicia Reed (MS36)</b> Monash University <i>Dopamine and reward: A novel mechanism contributing to the cognitive enhancing effects of psychedelics</i>	4.30pm-4.40pm	<b>3B.4: Dr Anantha Narayanan (MS44)</b> University of Auckland, Department? <i>The Physiological and Psychological Effect of Music on the Operating Surgeon: A Pilot Randomised Crossover Trial (The MOSART Study)</i>
4.40pm-4.45pm	<b>3A.5: Miss Joan Chan (MS37)</b> University of Otago, Physiology <i>Ryanodine type II receptor clustering in Alzheimer's disease</i>	4.40pm-4.45pm	<b>3B.5: Mr Matthew Reily-Bell (MS45)</b> University of Otago, Physiology <i>Formulation of lipid nanoparticles by microfluidics for delivery of miRNA therapeutics.</i>
4.45pm-4.50pm	<b>3A.6: Miss Olivia Mills (MS38)</b> University of Auckland, Physiology <i>A multi-modal approach for the detection of post-asphyxial seizures in preterm fetal sheep</i>	4.45pm-4.50pm	<b>3B.6: Mr Aeson Chappelle (MS46)</b> University of Auckland, Physiology <i>Characterizing metabolic, cardiac and cognitive impacts in a rat model of "glucotension".</i>
4.50pm-4.55pm	<b>3A.6: Ms Phoebe Trollove (MS39)</b> University of Otago, Physiology <i>Extrahypothalamic gene expression in a mouse model of polycystic ovary syndrome (PCOS)</i>	4.50pm-4.55pm	<b>3B.7: Mr Devin Tonkin (MS47)</b> University of Otago, Physiology <i>Synthetic microRNA cocktail therapy for repair of the failing heart</i>
4.55pm-5.00pm	<b>3A.6: Mr Samuel James (MS40)</b> University of Auckland, Physiology <i>The myocardial glycogen response to exercise – potential role for glycophagy</i>	4.55pm-5.00pm	<b>3B.8 Miss Emily Lott (MS48)</b> University of Otago, Physiology <i>Neuronal androgen action in a mouse model of polycystic ovary syndrome</i>
<b>5.45pm</b>	<b>MedSci Dinner + Prize-giving, Walter Peak Station</b> Board the TSS Earnslaw boat at the Steamer Wharf at 5.45 (departs at 6.00pm) <i>sponsored by Mediscope International Limited</i>		

<b>Wednesday August 30<sup>th</sup> 2023</b>			
<b>MedSci Plenary Lecture Queenstown &amp; Wakatipu Room</b>			
<b>9.00am- 10.00am</b>	<b>Associate Professor James Fisher (MS49)</b> <b>University of Auckland</b> <i>Sympathetic neurocirculatory regulation in human health and hypertension</i> <b>Chair: Professor Jim Cotter</b>		
<b>10.00am- 10.30am</b>	<b>Morning Tea: Trade Exhibition Area, Level 4</b>		
<b>10.30am- 12.30pm</b>	<b>Symposium 4A (PSNZ): Cardiometabolic health</b> <b>Room:</b> Clancy's Room, Level 5 <b>Chairs:</b> Assoc Prof Regis Lamberts and Helen Waddell (University of Otago)	<b>10.30am- 12.30pm</b>	<b>Session 4B: Pūtahi Manawa CoRE Education and Outreach in Science Technology Engineering (Arts) &amp; Mathematics (STEM/STEAM)</b> <b>Room:</b> QT Dart Room <b>Chairs:</b> Chairs: Dr Anuj Bhargava and Ms Lisa Wong (University of Auckland)
10.30am- 11.00am	<b>4A.1: A/Prof Katrina Poppe (MS50)</b> University of Auckland, Population Health <i>Cardiometabolic disease represented in national health data.</i>	10.30am- 11.00am	<b>4B.1: Dr. Susannah Stevens (MS54)</b> University of Canterbury <i>STEM Education – getting to the heart of the matter</i>
11.00am- 11.30am	<b>4A.2: Dr Megan Leask (MS51)</b> University of Otago, Physiology <i>GWAS and beyond: towards ‘omics based precision medicine discovery for Māori and Pacific people</i>	11.00am- 11.30am	<b>4B.2: Dr. Allamanda Faatoese (MS55)</b> University of Otago - Christchurch <i>Listening to the voices that matter – hearing from Education and Outreach experts on why STEM needs more love</i>
11.30am- 12.00pm	<b>4A.3: Dr Sarah Appleby (MS52)</b> <i>Sponsored by GenScript Biotech</i> University of Otago - Christchurch <i>Circulating bacterial DNA as a prognostic marker for MI</i>	11.30am- 12.00pm	<b>4B.3: Ms. Soteria Ieremia (MS56)</b> Kudos Science Trust <i>Pacific STEM: Science to empower many</i>
12.00pm- 12.30pm	<b>4A.4: Prof Jim Cotter (MS53)</b> <i>Sponsored by abcarn</i> University of Otago, Exercise Science <i>Cardiovascular flexibility: The roles of physical activity and environmental stressors.</i>	12.00pm- 12.15pm	<b>4B.4: Mrs Naomi Manu (MS57)</b> Auraki Group <i>Supporting an inclusive and diverse capability eco-system</i>
		12.15pm- 12.30pm	<b>4B.5: Mr Viliami Temohenga/Mrs Tanya Koro (MS58)</b> Amanaki STEM Academy <i>Transforming STEM education in jandals!</i>
<b>12.30pm- 1.30pm</b>	<b>Lunch: Trade Exhibition Area, Level 4, Rydges Hotel</b>		

1.30pm-3.30pm	<p><b>Symposium 5A (PSNZ): Pūtahi Manawa Centre of Research Excellence AUT Data and Digital Technology in Healthcare</b></p> <p><b>Room:</b> Clancy's Room, Level 5</p> <p><b>Chairs:</b> Prof Andrew Lowe (AUT, Pūtahi Manawa) and Ms Lisa Wong (UoA, Pūtahi Manawa)</p>	1.30pm-3.30pm	<p><b>Symposium 5B Centre for Neuroendocrinology: Hot Topics in Neuroendocrinology and Neuroscience</b></p> <p><b>Room:</b> QT Dart Room</p> <p><b>Chairs:</b> Professor Greg Anderson and Dr Rosie Brown (University of Otago)</p>
1.30pm 1.35pm-2.00pm	<p><b>Welcome and Introductions</b></p> <p><b>5A.1 Samaneh Madanian (MS59)</b> Monash University <i>Digital Health: Addressing UN Sustainable Development Goal for Good Health and Wellbeing</i></p>	1.30pm-2.00pm	<p><b>5B.1: Dr Claire Foldi (MS65)</b> Monash University <i>Cortico-striatal circuits that drive compulsive exercise behaviour in the activity-based anorexia rat model</i></p>
2.00pm-2.25pm	<p><b>5A.2 Dr Karaitiana Taiuru (MS60)</b> Taiuru and Associates, Pūtahi Manawa <i>Data Sovereignty and what it means for the health-tech sector in New Zealand</i></p>	2.00pm-2.30pm	<p><b>5B.2: Dr Jenny Clarkson (MS66)</b> University of Otago, Department of Physiology <i>Stimulating mothers: dissecting the maternal behaviour neural circuitry using optogenetics</i></p>
2.25pm-2.50pm  2.50pm-3.00pm	<p><b>5A.3 Dr Corina Grey (MS61)</b> University of Auckland, NZ, Te Pou Hauora Tūmatanui, Manatū Hauora, Pūtahi Manawa <i>Pacific health data: challenges and opportunities</i></p> <p><b>5A.4 Ms Anjali Bhatia (MS62)</b> Auckland University Of Technology, National Institute of Stroke and Applied Neurosciences <i>Connecting stroke care continuum: Journey from mobile app to web-based software for integrated care</i></p>	2.30pm-3.00pm	<p><b>5B.3: Dr Bowen Dempsey (MS67)</b> Macquarie University <i>Phox2b medullary centres motorise feeding</i></p>
3.00pm-3.10pm  3.10pm-3.20pm	<p><b>5A.5 Dr Tanvi Chandel (MS63)</b> Auckland University Of Technology <i>Blood Pressure Device Accuracy Evaluation: Statistical Consideration with an Implementation in R</i></p> <p><b>5A.7 Dr Thiranja Babarenda Gamage (MS64)</b> University of Auckland <i>Vision for the 12 LABOURS Digital Twin Platform</i></p>	3.00pm-3.30pm	<p><b>5B.4: Dr Caroline Decourt (MS68)</b> University of Otago Department of Anatomy <i>PCOS: When female brains listen too much to testosterone</i></p>

3.20pm-3.30pm	<b>Questions and Interactive Discussion</b>		
<b>3.30pm-4.00pm</b>	<b>Coffee Break: Trade Exhibition Area, L4, Rydges Hotel</b>		
<b>4.00pm-6.00pm</b>	<b>Session 6A: Free Communications</b> <b>Room:</b> Clancy's Room, Level 5 <b>Chairs:</b> Professor Laura Bennet, Professor Daryl Schwenke & Dr Tonja Emans	<b>4.00pm-6.00pm</b>	<b>Symposium 6B (NZSE):</b> <b>Glucagon-like-peptide agonists: new hope for obesity and diabetes treatment.</b> <b>Room:</b> QT Dart Room <b>Chairs:</b> Prof Greg Anderson and Dr Aline Boer (University of Otago)
4.00pm-4.30pm	<b>6A.1: PSNZ Research Excellence Award: Dr Alexander Tups (MS69)</b> <i>From mechanistic biomedical research on hypothalamic inflammation to a dietary supplement for glucose support</i> University of Otago, Physiology	4.00pm-4.30pm	<b>6B.1: Dr Rosemary Hall (MS76)</b> University of Otago Wellington <i>Use and funding of glucagon-like peptide-1 agonists as therapeutic agents in NZ</i>
4.30pm-4.40pm	<b>6A.2: Dr MM Maran (MS70)</b> University of Auckland, Obstetrics and Gynaecology <i>Understanding the role of estrogen receptor linked single cell motility behaviour in breast cancer metastasis using a dynamic in vitro assay</i>	4.30pm-5.00pm	<b>6B.2: Dr Aline Boer (MS77)</b> University of Otago Department of Physiology <i>Glucose-dependent insulinotropic peptide: a controversial target for obesity treatment.</i>
4.40pm-4.50pm	<b>6A.3: Dr Jamie McQuillan (MS71)</b> University of Otago <i>Investigating the role of prolactin sensitive medial preoptic neurons in driving paternal behaviour in mice: first steps and surprises.</i>		
4.50pm-5.00pm	<b>6A.4: Miss Rebecca Emanuel (MS72)</b> University of Canterbury <i>The Perception of Treatment Outcomes from People with Polycystic Ovary Syndrome (PCOS)</i>		

5.00pm- 5.10pm	<b>6A.5: Dr Carol Bussey (MS73)</b> University of Auckland, Physiology <i>Anti-arrhythmic potential of P2X3 inhibition</i>	5.00pm- 5.30pm	<b>6B.3: Professor Michael Horowitz (MS78)</b> Adelaide Medical School <i>GLP-1 receptor agonists and gastric emptying – implications for effects on glycaemia, body weight, gastrointestinal symptoms and postprandial blood pressure</i>
5.10pm- 5.20pm	<b>6A.6: Mr Nicholas Lam (MS74)</b> University of Canterbury, Physiology <i>Evolving better sampling protocols for dose-response modelling using genetic algorithms</i>		
5.20pm- 5.30pm	<b>6A.7: Mr Matthew Logue (MS75)</b> University of Otago, Physiology <i>Retromer- and Retriever-associated sorting nexin proteins regulate the trafficking of the Ca<sup>2+</sup>-activated K<sup>+</sup> channel KCa<sub>2.3</sub></i>		