

Heart Meeting Programme

Tuesday 2 September – Wednesday 3 September, 2025

Te Pae, Christchurch, New Zealand

Tuesday 2 September

Time	Details	Location
7.30am-8.00am	Mihi Whakatau <i>Registration required</i> <i>Please wait outside the room until you are invited in</i>	Conway C5
<u>Plenary Lecture</u> Chaired by Sarah Appleby (University of Otago, Christchurch) and Carol Bussey (University of Auckland)		
8.50am-9.00am	Heart Satellite Opening	Conway C3
9.00am-10.00am	H1: Livia Hool Victor Chang Cardiac Research Institute, University of Western Australia <i>Designing therapy that targets the L-type calcium channel to reduce cardiovascular morbidity and mortality</i>	Conway C3
10.00am-10.30am	Morning Tea	Exhibition Hall E1+E2
<u>Novel Mechanisms of Heart Disease</u> Chaired by Gemma Moir-meyer (University of Otago, Christchurch) and Stian Thomson (University of Auckland)		
10.30am-10.55pm	H2: Kim Mellor University of Auckland <i>Novel targets to treat diabetic heart disease</i>	Conway C3
10.55am-11.20pm	H3: Kit Doudney University of Otago, Christchurch <i>A tale of two triggers: Heart failure in families affected by inherited PPA2 deficiency</i>	Conway C3
11.20am-11.40pm	H4: Alona Ben-Tal Insightful Modelling <i>Mathematical modelling of the coupling between blood pressure control and breathing</i>	Conway C3
11.40am-12.00pm	H5: Anna Pilbrow University of Otago, Christchurch <i>Developing an in vitro Model for the Discovery of Early Markers of Cardiac Ischaemia</i>	Conway C3
12.00pm-1.30pm	Lunch	Exhibition Hall E1+E2
<u>Student and ECR prize session</u> Chaired by Michelle Munro (University of Otago) and Mridula Pachen (University of Auckland)		
1.30pm-1.43pm	Student Oral Presentation Prize Finalists H6: Janny Lau Christchurch Heart Institute <i>Prohormone enzyme in Aotearoa heart failure</i>	Conway C3

	<i>populations</i>	
1.43pm-1.56pm	H7: Kyra Sinclair University of Otago <i>Investigating the role of the epicardial adipose tissue secretome and obesity in atrial fibrillation</i>	Conway C3
1.56pm-2.09pm	H8: Meghan Davenport University of Auckland <i>A maternal obesogenic diet impacts key cardiac structural adaptations during pregnancy and lactation in rats</i>	Conway C3
2.09pm-2.22pm	H9: Samuel Gibbs University of Otago, Christchurch <i>Ethnicity and cardiovascular disease influence the relationship between TXNIP DNA methylation and type 2 diabetes</i>	Conway C3
2.22pm-2.35pm	H10: Ayana Edayode Kuttappan University of Otago <i>Investigating the Mechanism of Lp(a) Uptake via the PlgRKT Plasminogen Receptor</i>	Conway C3
2.35pm-2.53pm	Early Career Prize Finalists H11: Toan Pham University of Auckland <i>Mitochondria-derived peptide MOTS-c restores mitochondrial respiration in type 2 diabetic heart</i>	Conway C3
2.53pm-3.11pm	H12: Devyani Holmes University of Canterbury <i>Imaging the movement of gold labelled monocytes into live human atherosclerotic plaques by Spectral Photon Counting CT</i>	Conway C3
3.11pm-3.29pm	H13: Zoe Ward University of Auckland <i>DMPK 3' untranslated repeat expansion in unexplained sudden cardiac death</i>	Conway C3
3.30pm-4.00pm	Afternoon Break	Exhibition Hall E1+E2
<u>Heart Health Care Delivery</u> Chaired by Sarah Appleby (University of Otago, Christchurch) and Moizle Ocariza (University of Otago, Christchurch)		
4.00pm-4.20pm	H14: Oliver Lyons University of Otago, Christchurch <i>Abdominal Aortic Aneurysm in Women: How can we reduce the inequity?</i>	Conway C3
4.20pm-4.40pm	H15: John Pickering and Laura Joyce University of Otago, Christchurch <i>Barriers and bridges to translating a new biomarker into clinical practice: The ICare-FASTER story</i>	Conway C3
4.40pm-5.00pm	H16: Sarah Harris University of Otago, Christchurch <i>Premature Birth and Long Term Cardiovascular Health</i>	Conway C3

	<i>for Mother and Baby</i>	
5.00pm-5.30pm	Panel Discussion	Conway C3
6.00pm-8.30pm	Poster Session	Exhibition Hall E1+E2
6.00pm-8.00pm	Evening Social Function <i>Sponsored by Decode Science</i>	Exhibition Hall E1+E2
8.00pm-11.00pm	Heart Social Function <i>Registration required. Please wear your name badge.</i>	Kong Bar

Wednesday 3 September		
Time	Details	Location
<u>Emerging Technologies in Heart Health</u> Chaired by Tet Chuan Lee (Auckland University of Technology) and Julia Musgrave (Auckland Bioengineering Institute)		
9.00am-9.20am	H17: Julia Shanks and Mridula Pachen University of Auckland <i>Restoring cardiac function by reinstating respiratory heart rate variability in heart failure</i>	Conway C3
9.20am-9.40am	H18: Mirabella Uphof University of Auckland <i>The Ideal Valve for the Treatment of Rheumatic Heart Disease</i>	Conway C3
9.40am-10.00am	H19: Jichao Zhao Auckland Bioengineering Institute <i>Enhancing Atrial Fibrillation Treatment with AI and Digital Twin Technologies</i>	Conway C3
10.00am-10.30am	Morning Tea	Exhibition Hall E1+E2
<u>Targeted Treatments for Heart Disease</u> Chaired by Sally McCormick (University of Otago) and Katie Peppercorn (University of Otago)		
10.30am-11.00am	H20: James Sharman Menziess Research Institute, University of Tasmania <i>Integration of high-quality cardiovascular disease risk assessment in pathology services to improve health care delivery</i>	Conway C3
11.00am-11.20am	H21: James Hewett University of Canterbury <i>Identifying the rheological properties of a flexible thrombus</i>	Conway C3
11.20am-11.40am	H22: Nicola Scott University of Otago, Christchurch <i>Phosphodiesterase-9 inhibition improves cardiac structure after myocardial infarction in an ovine model</i>	Conway C3
11.40am-12.00pm	Announcement of Heart Satellite prize winners	Conway C3

12.00pm-1.00pm	Lunch	Exhibition Hall E1+E2
<u>Equity in Heart Health</u> Chaired by Carol Bussey (University of Auckland) and Samuel Gibbs (University of Otago, Christchurch) <i>Sponsored by Pūtahi Manawa CoRE</i>		
1.00pm-1.20pm	H23: Erina Korohina Centre for Health, Tauranga <i>Te Ara Poutama: Living Well with Heart Disease – Reimagining Equity in Cardiovascular Health for Māori</i>	Conway C3
1.20pm-1.40pm	H24: Sandra Hanchard University of Auckland <i>Equity implementation lessons for heart failure discharge planning in Aotearoa: a qualitative stocktake analysis</i>	Conway C3
1.40pm-2.00pm	H25: Cassie Withey-Rila University of Otago <i>Normalising and Knowledge: How we can improve health equity through inclusive research and practice</i>	Conway C3
2.00pm-2.20pm	H26: Anna Ponnampalam University of Auckland <i>Advancing Health Equity in Gestational Diabetes Care</i>	Conway C3
2.20pm-2.40pm	H27: Nikki Earle University of Auckland <i>Unmasking Female-Specific Cardiovascular Risk in Aotearoa</i>	Conway C3
2.40pm-3.00pm	H21: Pritika Narayan University of Otago, Wellington <i>Fiji Heart Study</i>	Conway C3
3.00pm	Heart Satellite meeting close	Conway C3
3.00pm-3.30pm	Afternoon Break	Exhibition Hall E1+E2
3.00pm-5.00pm	MedSci Poster session <i>Sponsored by Lab Supply</i>	Exhibition Hall E1+E2
<u>Queenstown Research Week Plenary Session</u>		
	QRW Panel Discussion & Plenary Lecture	
5.30pm-5.40pm	Introduction	Auditorium A3+A4
5.40pm-6.25pm	Panel Discussion on Aotearoa New Zealand's future research, science & innovation sector (moderated by Dr Marie Bradley) Sir Peter Gluckman ONZ KNZM FRSNZ, University of Auckland Professor Emily Parker FRSNZ, Victoria University of Wellington Mark Piper , Transitional CEO, Bioeconomy Science Institute Professor David R. Grattan FRSNZ, University of Otago	Auditorium A3+A4
6.30pm-7.40pm	QRW Plenary Lecture <i>Sponsored by Mediscope International Limited</i>	Auditorium A3+A4

	Prof. Tak Mak Princess Margaret Cancer Centre, University of Toronto and Centre of Oncology and Immunology, University of Hong Kong <i>Beyond immune checkpoint blockade: emerging strategies</i>	
7.45pm-9.30pm	Evening Social Function <i>Sponsored by Thermo Fisher Scientific</i> Drinks and nibbles The Great QMB Trivia Night with Pierre de Cordovez	Exhibition Hall E1+E2