

Thursday October 27th

9:00	9:30	MDHS ECA set up
9:30	9:45	<b>Welcome &amp; Housekeeping</b> MDHS ECA Chairs: Kelly Kirkland and Alec Jamieson
<b>Session 1</b>		<b>Chairs: Wenyi Li &amp; Sehrish Kanwal</b>
9:45	10:00	Bridget Arman <b>Investigation of ticagrelor as a potential therapeutic to delay preterm birth using a pipeline of in vitro, ex vivo, and in vivo models of preterm birth</b>
10:00	10:15	Yi Yang <b>Inequalities in service utilisation in the National Disability Insurance Scheme (NDIS)</b>
10:15	10:30	Anna Harutyunyan <b>Kindling-induced expression of immediate early genes is associated with increased seizure severity and neuroinflammation in 5xFAD model of Alzheimer's Disease</b>
10:30	10:45	Leanne Teoh <b>Efficacy of oxycodone for post-operative dental pain: a systematic review and meta-analysis</b>
10:45	11:00	Session Questions (15 min)
11:00	11:15	<b>Morning tea</b>
<b>Session 2</b>		<b>Chairs: Shurong Lu and Aimee Tan</b>
11:15	11:30	Natalie Fini <b>Physical Activity Measurement After Stroke – Reaching International Consensus</b>
11:30	11:45	Rebecca Cooper <b>Sleep difficulties, psychopathology, and trajectories of brain development across early adolescence</b>
11:45	12:00	TBC or earlier lunch.
12:00	12:10	Session Questions (10 min)
12:10	12:55	<b>Lunch (45 min)</b>
<b>Session 3</b>		<b>Chairs: Ash Porter &amp; Bansari Shah</b>
12:55	1:10	Carolien van de Sandt <b>Influenza-specific CD8+ T-cells across the human lifespan: a suboptimal reset for the elderly</b>
1:10	1:25	Natasha Pritchard <b>Infants born from mothers who are overweight or obese are growth restricted at a higher birthweight centile than infants from healthy weight mothers</b>
1:25	1:40	Jacqui Morris <b>Hidden resistances: How routine whole genome sequencing uncovered an otherwise undetected blaNDM-1 gene in Vibrio alginolyticus isolated from imported seafood</b>
1:40	1:55	Natasha de Alwis <b>Phosphoglutamase-5 is dysregulated in pathological placenta and in models of placental dysfunction</b>
1:55	2:10	Session questions (15 min)
2:10	2:30	<b>Poster flash talks (20 min)</b>
2:30	3:00	<b>Posters and afternoon tea (30 min)</b>
3:00	4:30	<b>MDHS ECA Panel discussion – The impacts of climate change on health</b>  Prof. Kathryn Bowen, Dr Katie Greenaway and Dr Celia McMichael  Moderated by Prof. John Wiseman and Ms Phoebe Quinn  With questions encouraged from the audience

Friday October 28th

9:00	9:30	MDHS ECA set up
9:30	9:45	Housekeeping
<b>Session 4</b>		
<b>Chairs: Leanne Teoh &amp; Emma Bawden</b>		
9:45	10:00	Yannick Alexandre <b>Splenic fibroblasts orchestrate immune responses during viral infection</b>
10:00	10:15	Charlie Higgs <b>Comparison of contemporary invasive and non-invasive Streptococcus pneumoniae reveals insights into circulating antimicrobial resistance</b>
10:15	10:30	Terallynn Ludwick and Marie Ishida <b>Witnessing Intimate Partner Violence Impacts Schooling and Labor Market Outcomes for Young Women in India</b>
10:30	10:45	Ali Mohammed <b>Orally Administered Hyaluronic Acid Ameliorates Chemotherapy-Induced Oral Mucositis in a Preclinical Model of Disease</b>
10:45	11:00	Session Questions (15 min)
11:00	11:15	Morning tea
<b>Session 5</b>		
<b>Chairs: Sushama Telwate &amp; Garth Cameron</b>		
11:15	11:30	Adrianna Turner <b>Rifaximin causes resistance to the last-resort antibiotic daptomycin in Enterococcus faecium</b>
11:30	11:45	Marija Dinevska <b>Spatial analysis of the metastatic brain tumor immune and extracellular matrix microenvironment</b>
11:45	12:00	Emma Bawden <b>CD4+ T cells and the role of MHC class II expression in melanoma Immunosurveillance</b>
12:00	12:10	Session Questions (10 min)
12:10	1:00	Lunch (50 min)
<b>Session 6</b>		
<b>Chairs: Hyun Jae Lee &amp; Catarina Almeida</b>		
1:00	1:15	Georga Bruechert <b>Relational anatomy of the tarsal tunnel</b>
1:15	1:30	Stephanie Neville <b>The structural basis of bacterial manganese import</b>
1:30	1:45	Sehrish Kanwal <b>Complementing Whole Genome Sequencing with Whole Transcriptome Sequencing in Precision Oncology</b>
1:45	2:00	Session questions (10 min)
2:00	2:30	Poster flash talks (30 min)
2:30	3:00	Posters and afternoon tea (30 min)
<b>Session 7</b>		
<b>Chairs: Calum Walsh &amp; Tom Fulford</b>		
3:00	3:15	Hue M. La <b>Defining the immune milieu of pancreatic adenocarcinoma using single-nucleus RNA sequencing</b>
3:15	3:30	Jennifer Jones <b>Frailty and Physical Function Recovery of Hospitalised Adults Receiving an Inpatient Rehabilitation Service</b>
3:30	3:45	Claire Gorrie <b>Public health investigation into a multi-facility, multi-species, antimicrobial-resistant plasmid outbreak</b>
3:45	3:55	Session questions (10 min)
<b>MDHS ECA overview and awards</b>		
3:55	4:15	MDHS ECA Chairs: Kelly Kirkland and Alec Jamieson