

Monday 4th of December 2023

OGGB building, Sir Owen G Glenn Building 12 Grafton Road, Auckland CBD
Room: OGGB 260-051

Schedule	Speaker	Title:	Talk
9:00 Start	Lisa Connor <i>Victoria University of Wellington, NZ</i>	<i>Welcome & Introduction</i>	15 min
9:15 International Speaker Innate Immunity <i>Chair: Dominic De Nardo</i>	Jonathan Kagan <i>Harvard Medical School, USA</i>	<i>Regulation of Innate Immunity</i>	40 min (talk) + 5 min (questions)
10:00 Short Talk Innate Immunity	Larisa Labzin <i>Institute For Molecular Bioscience, University of Queensland, Aus</i>	<i>Targeting inflammatory epithelial-macrophage cell networks during viral infection</i>	10 min (talk) + 5 min (questions)
10:15 Short Talk Innate Immunity	Natalia Sampaio <i>Hudson Institute of Medical Research, Aus</i>	<i>MDA5 guards against infection by surveying cellular RNA homeostasis</i>	10 min (talk) + 5 min (questions)
10:30 Short Talk Innate Immunity	Stefan Emming <i>Institute For Molecular Bioscience, University of Queensland, Aus</i>	<i>Investigating the activation mechanism(s) of NLRP3</i>	10 min (talk) + 5 min (questions)
10:45		30 min Tea Break	
11:15 International Speaker Innate/Mucosal Immunology <i>Chair: Laura Cook</i>	Elia Tait Wojno <i>University of Washington, USA</i>	<i>Basophil support of Type 2 inflammation in the intestine</i>	40 min (talk) + 5 min (questions)
12:00 National Speaker Mucosal Immunology <i>Chair: Lisa Connor</i>	Sarah Robertson <i>The University of Adelaide, Aus</i>	<i>Boosting maternal Treg cells by IL2-antibody complex therapy protects against fetal loss in mice</i>	25 min (talk) + 5 min (questions)
12:30 Short Talk Mucosal Immunology	Daniel Howard <i>QIMR Berghofer, Aus</i>	<i>Gut-derived propionate protects against severe lower respiratory tract infections via airway epithelial cell-derived CCL25 and associated recruitment of CCR9+ pDCs.</i>	10 min (talk) + 5 min (questions)
12:45 Short Talk Immunometabolism	Praveena Thirunavukkarasu <i>Biomedicine Discovery Institute, Monash University, Aus</i>	<i>Understanding the molecular recognition of Bacteroides fragilis glycosphingolipids by Natural Killer T cell receptor</i>	10 min (talk) + 5 min (questions)
13:00		45 min Lunch Break	
13:45 National Speaker Immunometabolism <i>Chair: Kate Lawlor</i>	Andrew Murphy <i>Baker Heart and Diabetes Institute, Aus</i>	<i>An immune cell lipid screen provides insights into ferroptosis susceptibility</i>	25 min (talk) + 5 min (questions)
14:15 International Speaker Mucosal Immunology <i>Chair: Laura Cook</i>	Kiyoshi Takeda <i>Immunology Frontier Research Center, Osaka University, Japan</i>	<i>Host-microbiota interaction for intestinal homeostasis</i>	40 min (talk) + 5 min (questions)
15:00 Career Panel <i>Chairs: Kate Lawlor & Larisa Labzin</i>	Kagan, Tait Wojno, Robertson, Murphy, Takeda	<i>Career Panel Q&A</i>	35 min
15:35		<i>Workshop Close</i>	

Organisers: Innate Immunity SIG - Dominic De Nardo (Monash University), Larisa Labzin (University of Queensland) | Mucosal Immunology SIG - Lisa Connor (Victoria University), Laura Cook (University of Melbourne) | Immunometabolism SIG - Kate Lawlor (Hudson Institute), Ajith Vasanthakumar (ONJCRI).