



Infection and Immunity SIG

Sunday 2 December 2018
 9.00am – 3.00pm
 Hamersley Room, Pan Pacific Hotel, Perth

0900 – 0915	Welcome to the Infection and Immunity Special Interest Group
0915 – 1045	Session 1: Host Pathogen Interaction <i>Chair: Deb Strickland</i>
0915 – 0945	The (gradual) rise of memory inflation. <i>Paul Klenerman</i>
0945 – 1000	RP105 Promotes Mycobacteria-Induced Type 1 Interferon Responses <i>Meg Donovan</i>
1000 – 1015	Characterising Antigen-Specific CD8 T Memory Stem Cells In Viral Infections <i>Yanran Zhao</i>
1015 – 1030	Expression Of CD38 And MHCII On CD8+ T Cells Following Severe Influenza Virus Infection <i>Xiaoxiao Jia</i>
1030 – 1045	Bacterial Infection, Increased Anti-Microbial Peptides And Pro-Inflammatory Cytokines In The Middle Ear Are Predictores For Repeat Surgery In Otitis-Prone Children <i>Dr Elke Seppanen</i>
1045 – 1115	MORNING TEA
1115 - 1245	Session 2: Mucosal Immunity/Inflammation <i>Chair: Simon Phipps</i>
11:15 to 11:45 am:	Host Microbe Interactions in the Intestine in Health and Disease <i>Fiona Powrie</i>
11:45 to 12:00 pm	RP105 Regulates LPS-Induced TLR4 Endocytosis And Type 1 Interferon Responses <i>Thomas Schultz</i>



1200 - 1215	Determining Key Regulators Of Apoptotic Cell Disassembly And Their Implication On Cell Clearance Using CRISPR <i>Rochelle Tixeira</i>
1215 – 1230	PAG1 is a Negative Regulator Of Allergen-Induced Type 2 Inflammation In The Lung <i>Md Ashik Ullah</i>
1230 – 1245	Development Of An In Vitro Human Intestinal Model For Functional Analysis Of T Cell Subsets In Crohn’s Disease <i>Hamish Angus</i>
1245 – 1330	LUNCH
1330 – 1430	Session 3 : Parasitic, Tropical And Emerging Diseases <i>Chair: Andrew Currie</i>
1330 – 1400	Intestinal helminth infection promotes IL-5- and CD4+ T cell-dependent immunity in the lung against migrating parasites <i>Graham Le Gros</i>
1400 – 1420	Do we need to rethink tick-borne infections in Australian? Charlotte Oskam
1420 – 1500	Session 4 : Infection and Immunity Bus Stop <i>Chair: Jonatan Leffler</i>
1420 - 1423	Post-Translational Modification of CD8α is a Checkpoint for Recognition of Class I MHC <i>Angela Nguyen</i>
1423 – 1426	Covalent Binding Of Complement C3 To MHC II: An Immunological Synapse Between B Lymphocytes And Dendritic Cells <i>Patrick Schriek</i>
1426 – 1429	The CD94/NKG2 Ligand, Qa-1b, Is A High Affinity, Functional Ligand For CD8α <i>Katherine Goodall</i>
1429 – 1432	Heightened Severity Of Influenza Infection During Pregnancy Is Associated With Altered Phenotype Of Alveolar Macrophage <i>Jean-Francois Lauzon-Joset</i>



1432 – 1435	Evidence of de novo HIV Adaptation Following Vertical Transmission <i>Jennifer Currenti</i>
1435 – 1438	Effector Functions of Mucosal Associated Invariant T (MAIT) Cells Differ with the Mode of Activation <i>Rajesh Lamichhane</i>
1438 – 1455	Discussion of Bus Stop Presentations
1455 – 1500	Workshop Close