

Programme NZ-ASI 2019

Sunday June 30 th	
12:30 – 4:00PM	Spectral Cytometry Experience Malaghan Institute of Medical Research, Central Services Building, Victoria University of Wellington, Kelburn Parade
5 PM	Social mixer Intercontinental, 2 Grey St, Wellington

Monday July 1 st	
Old Government Building Lecture Theatre 1	
8:30 AM	Registration
9:00 AM	Welcome
Keynote session 1. Chair John Fraser	
9:30 AM	Joanna Groom Multiple paths of T follicular helper cell differentiation
10:30 AM	Morning Tea
Session1: Innate Immunity. Chair Katharina Robichon	
11:00 AM	Joanna Kirman Gr1 ^{int/high} Cells Dominate the Early Phagocyte Response to Mycobacterial Lung Infection in Mice
11:20 AM	Anna Mooney NKT cell-targeted glycolipid-peptide vaccines to treat chronic Hepatitis B virus infection
11:30 AM	Kaitlin Buick Harnessing Mucosal-associated Invariant T (MAIT) Cell Agonists for Mucosal Vaccine Adjuvants
11:40 AM	Jin Ng Tracking intracellular trafficking of exogenous antigens in human CD14+-derived immature dendritic cells
11:55 AM	Evelyn Hyde IFNAR and TSLPR signaling in dendritic cells regulate the magnitude and polarization of CD4+ T cell responses to allergens
12:05 PM	Olivier Lamiabile Transcriptomic analysis of murine skin draining lymph node dendritic cells during TSLP dependent inflammation
12:30 PM	Lunch

Session 2: Adaptive immunity I. Chair Joanna Kirman		
1:30 PM	Johannes Mayer	Monocytes shape anti-microbial CD4 T cell responses in the lymph node
1:45 PM	Melanie Prout	IL-4 is a key requirement for IL-4 and IL-4/IL-13 expressing CD4 Th2 subsets in the skin.
1:55 PM	Olga Palmer	Elucidating how the mucosal microenvironment shapes immune responses to vaccination
2:05 PM	Hamish Angus	Understanding human Crohn’s disease: T cell immunoprofiling and in vitro organoid models
2:15 PM	Jodie Chandler	Characterising Th2 subsets following primary house dust mite immunisation
2:25 PM	Kirsty Wakelin	Similar immune mechanisms control experimental airway eosinophilia elicited by different allergens and treatment protocols
2:35 PM	Fiona Radcliff	Developing capabilities for understanding the protective effect of New Zealand’s MeNZB vaccine against gonorrhoea
3:00 PM	Afternoon Tea	
Keynote session 2. Chair: Graham Le Gros		
3:30 PM	Axel Kallies	Molecular control of tissue regulatory T cell differentiation
4:30 PM	WATSON ORATION Anne LaFlamme	
5:30 PM	AGM	
7:00 PM	Conference Dinner Intercontinental 2 Grey St, Wellington	

<div>Tuesday July 2nd</div> <div>Old Government Building Lecture Theatre 1</div>		
Keynote session 3. Chair Ian Hermans		
9:00 AM	Ruth Ganss	Re-Educating the Tumour Microenvironment to Improve Immunotherapy
10:00 AM	Morning Tea	
Session 3: Cancer and antitumoral response. Chair Sarah Hook		
10:30 AM	Mike Berridge	Effects of mitochondrial DNA deletion on tumour immunity in a breast cancer model
10:50 AM	Luiz Munoz-Erazo	Spatial profiling of immune cell phenotypes in human colorectal cancer
11:05 AM	Ching-Wen Tang	A synthetic alpha-GalCer-peptide conjugate vaccine synergise's with cisplatin to enhance anti-tumour responses against murine lung cancer
11:15 AM	Justin Tirados	Investigating signalling pathways of T cells in colorectal cancer
Session 4: New technologies in immunology. Chair Olivier Lamiable		
11:25 AM	Greta Webb	Designing and optimising spectral flow cytometry and confocal microscopy panels for the analysis of dendritic cell populations during Th2 responses
11:35 AM	Phoebe Harmos	High dimensional spectral flow cytometric characterisation of intestinal immune cell populations during helminth infection
11:45 AM	Tom Marsland	Genome-wide CRISPR-Cas editing in lymph node DCs to elucidate the regulation and function of CCL17 in allergic Th2 responses
11:55 AM	Yasmin Nouri	Identifying the location of the 4C13R BAC transgene in dual reporter mice using targeted locus amplification and next generation sequencing
12:15 PM	Lunch	

Session 5: Adaptive immunity II. Chair Fiona Radcliff		
1:15 PM	Inken Kelch	High resolution imaging of the conduit system in entire lymph nodes provides new insights into antigen dispersal and cell trafficking
1:30 PM	Theresa Pankhurst	Antibody responses to novel vaccine adjuvants that target Natural Killer T cells
1:40 PM	Janlin Chan	Evaluation of a novel poly-staphylococcal superantigen-like (SSL) fusion vaccine for Staphylococcus aureus
1:50 PM	Shiau Choot Tang	Examining the role of innate cells in Type 2 immunity using bee venom phospholipase (bvPLA2) as an antigen stimulus
Session 6: Chemokines and migration. Chair Katherine Woods		
2:00 PM	Evert Jan Loef	Plasmin reduces human T cell arrest on endothelial-like cells by cleaving bound CCL21 from the cell-surface
2:15 PM	Sven Sondhaus	Elucidating the mechanism by which clozapine reduces multiple sclerosis disease
2:30 PM	Afternoon Tea	
Keynote Session 4. Chair Franca Ronchese		
3:00PM	Rob Weinkove	Chimeric antigen receptor T-cells: the enable study
4:00 PM	Closing	