



Clinical Immunology, Autoimmunity & Tolerance, Systems Immunology Pre-Meeting Workshop (Monday Nov 25th)

Meeting room C2.5-C2.6

9:00-9:05 Welcome and Acknowledgement of Country

Session 1:

Chairs: Emma Hamilton-Williams & Stephanie Trend

9:05-9:45 Prof Carola Vinuesa, Francis Crick Institute

9:45-10:00 Nicholas Hunt "Oral nanotherapeutics for precision targeting of antigen presenting cells for prevention of type 1 diabetes in non-obese diabetic mice"

10:00-10:15 Erika Della Mina "A novel homozygous nonsense variant in CARD9 disrupts innate and IL-17-mediated immunity, resulting in severe fungal infections in humans"

10:15-10:30 Adrian Achuthan "Targeting CCL17 for the management of inflammation"

10:30am - 11:00am Morning Tea

Session 2:

Chairs: Vanessa Bryant & Jarrod Kennedy

11:00-11:40 Dr Bertrand Boisson

11:40-11:55 Sedi Jalali "Blood Biomarker Discovery: Exploring Age-related Changes of the Immune Cells Using High-Dimensional analysis in Paediatric Health and Disease"

11:55-12:10 Lachlan Gray "Machine Learning identifies X chromosome genes predicting female SLE"

12:10-12:25 Charis Teh "Early BAFF-driven adaptation of survival pathways in lymphoid cells during targeted therapies"

12:25-12:40 Marcel Nold "The Results of Anakinra Pilot, A First-in-Population Clinical Trial Assessing Safety, Feasibility and Pharmacokinetics of IL-1 Receptor Antagonist in Preterm Infants"

12:40-12:55 Nicole Messina BCG vaccination for protection of healthcare workers against COVID-19



Australian and New Zealand

SOCIETY FOR IMMUNOLOGY INC.

1:00pm – 2:00pm Lunch

Session 3:

Chairs: Fabio Luciani & Stephanie Studniberg

2:00-2:40 Prof Tri Phan

2:40-2:55 Kavita Bisht “Endotoxemia as possible cause of inflammatory bowel diseases-associated anemia”

2:55-3:10 Christopher Jara “B3GNT2 dependent ligands are essential to uphold tolerance of a IGHV4-34 autoantibody variant”

3:10-3:25 Lauren Stern “MAIT cells in haematopoietic stem cell transplant recipients with cytomegalovirus reactivation”

3:25-3:40 Tim Peters “A transcriptomic signature of self-reactivity in the germinal centre”

3:40-3:50: Close and prizes

4:30-5:30: *Hands'on Single-Cell analysis with Python workshop facilitated by Kelvin Tuong. BYO Laptop! Meeting room C2.5-C2.6*

We thank our generous sponsors for
facilitating this workshop



SOUTH
AUSTRALIAN
GENOMICS
CENTRE