



Dendritic Cell Research
Annual DC Down Under Symposium 2016
'DC Applications in Human Disease'
Lecture Theatre 1, Ground Floor, Concord Medical Education Centre
Concord Repatriation General Hospital, Hospital Road, Concord

THURSDAY 17 NOVEMBER 2016

12.00 Registration – Tea and Coffee

Session 1

Chair Prof Derek Hart

- 12.30 **Prof Derek Hart**, Dendritic Cell Research, ANZAC Research Institute
Welcome and Introduction
- 12.40 **Prof David Handelsman**, ANZAC Research Institute
Welcome by Director
- 12.45 **Dr Stuart Mannering**, Human T-cell Laboratory, St Vincent's Institute of Medical Research
Defining the Targets of Human Autoimmune CD4+ T-Cell Responses in Type 1 Diabetes
- 13.15 **Dr Kirstie Bertram**, Centre for Virus Research, Westmead Institute for Medical Research
Discovery of Novel Epidermal DC Subsets in Human Skin and Mucosal Tissue
- 13.45 **Dr Tom Brodnicki**, Immunogenetics, St Vincent's Institute Medical Research
Modulating Dendritic Cell Function and Decreasing Autoimmune Disease Susceptibility: A Role for Long Noncoding RNAs?
- 14.15 **Dr Justine Mintern**, Biochemistry and Molecular Biology, Bio21 Molecular Science and Biotechnology Institute
Getting from A to B: How Immune Molecules are Trafficked Inside Cells

14.45 Afternoon Tea

Session 2

Chair Dr Phillip Fromm

- 15.20 **Dr Ronan Kapetanovic**, Institute of Molecular Bioscience, The University of Queensland
Targeting HDACs to Reprogram Macrophage Functions for the Control of Infectious Disease
- 15.50 **Dr Xinsheng Ju**, Dendritic Cell Research, ANZAC Research Institute
Defining CD16⁺ Dendritic Cells as Unique Myeloid Antigen Presenting Cells
- 16.20 **KEYNOTE SPEAKER**
Dr John Barrett, Chief and Senior Investigator, Stem Cell Allogeneic Transplantation Section, National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH), Maryland USA
Virus Specific T Cells Coming to a Clinic Near You!

17.20 Close and Drinks

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FRIDAY 18 NOVEMBER 2016

08.30 Registration

Session 3

Chair Dr Christian Bryant

- 09:00 **Dr Frederic Siervo**, Liver Immunology, Centenary Institute
Specialised Hepatic Myeloid Cells at the Interface Between Blood, Lymph and Peritoneal Cavity
- 09.30 **Dr Melanie Shakespear**, Institute of Molecular Bioscience, The University of Queensland
HDAC7 as a regulator of macrophage-mediated inflammation
- 10:00 **Dr Tri Gian Phan**, Immunology Department, Garvan Institute
Subcapsular Sinus Macrophages and Humoral Immunity

10.30 Morning Tea

Session 4

Chair A/Prof Georgina Clark

- 11.00 **Prof Mark Hogarth**, Inflammation, Cancer and Infection, Burnet Institute
Human FcR: Antibody Dependent Functions and the Design Next-Gen Therapeutic mAbs
- 11.30 **Dr Rachel Botting**, Centre for Virus Research, Westmead Institute for Medical Research
Defining the CLR Repertoire on Human Skin DC Subsets and the Functional Relevance for HIV Transmission
- 12.00 **Dr Pablo Silveira**, Dendritic Cell Research, ANZAC Research Institute
Characterisation of the Expression and Function of the C-Type Lectin Receptor CD302 in Mice and Humans Reveals a Role in Dendritic Cell Migration

12.30 Lunch

Session 5

Chair A/Prof Mireille Lahoud

- 13.30 **Ms Dawn Lin**, Molecular Medicine, Walter + Eliza Hall Institute of Medical Research
The Rise and Fall of Clones: Dynamics of Dendritic Cell Development
- 14.00 **Dr Bijun Zeng**, University of Queensland Diamantina Institute
Nanoparticle Antigen Targeting to DC Receptor Clec9A for Tumour Antigen-Specific Immunotherapy
- 14.30 **A/Prof Irina Caminschi**, Biochemistry and Molecular Biology, Monash University
Dendritic Cell Targeted Vaccine Primes Liver-Resident Memory CD8+ T Cells that Protect Against Malaria Liver-Stage Infection

15.00 Afternoon Tea

Session 6

Chair Prof Barbara Fazekas

- 15.15 **Ms Jessica Loughland**, Menzies School of Health Research, Charles Darwin University
Unique Impairment of CD1c+ Myeloid DC in Primary Human Blood-Stage P. Falciparum Infection
- 15.45 **Dr Andrew Harman**, Centre for Virus Research, Westmead Institute for Medical Research
Defining the DC Subsets that Inhabit Human Anogenital Tissues
- 16.15 **Dr John Barrett**, Chief and Senior Investigator, Stem Cell Allogeneic Transplantation Section, National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH), Maryland USA
Polyomavirus Disease and T Cell Immunity
- 16.45 **Prof Derek Hart** – Dendritic Cell Research, ANZAC Research Institute
- Closing

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