

'T CELLS AS DC EFFECTORS'

Lecture Theatre 1, Ground Floor, Concord Medical Education Centre
Concord Repatriation General Hospital, Hospital Road, Concord
Thursday 17th and Friday 18th August 2017



THURSDAY 17 AUGUST 2017

12.00 **Registration – Tea and Coffee**

Session 1

Chair: Professor Derek Hart

12.30 **Professor Derek Hart**, Dendritic Cell Research, ANZAC Research Institute

Welcome and Introduction

12.40 **Professor David Handelsman**, ANZAC Research Institute

Welcome by Director

12.45 **Dr Holly Bolton**, The University of Sydney and Dendritic Cell Research, ANZAC Research Institute

T Cell Responses in a Mouse Model of Bone Marrow Transplantation

13.15 **A/Prof Mark Wright**, Immunology, Monash University

Tetraspanins are Key Components of the Inflammatory Cascade

13.45 **Dr Shweta Tikoo**, Immune Imaging Program, Centenary Institute for Cancer Medicine and Cell Biology

Identification of a Novel Embryonic Myeloid Precursor within the Adult Bone Marrow

14.15 **A/Prof Daniel Christ**, Director Centre for Targeted Therapy, Garvan Institute of Medical Research

Engineering Interleukin-2 for Cancer Immunotherapy

14.45 **Afternoon Tea**

Session 2

Chair: Professor Barbara Fazekas de St Groth

15.15 **Dr Bruce Wines**, Inflammation, Cancer and Infection, Burnet Institute

Fc Receptor Signaling and Novel Methods for Predicting the Effector Function of IgG Antibodies

15.45 **Dr Ben Roediger**, Head, Skin Inflammation Group, Centenary Institute

Development and trafficking of Pre-DCs

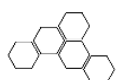
16.15 **KEYNOTE SPEAKER**

Dr Shalin Naik, Molecular Medicine/Immunology, Walter + Eliza Hall Institute of Medical Research

Single Cell Systems Biology

17.00 **Close** - Drinks and Nibbles

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FRIDAY 18 AUGUST 2017

08.30 **Registration - Tea and Coffee**

Session 3

Chair: A/Prof Georgina Clark

09:00 **David Wood**, GBM Grade 4 Cancer Patient
Patient Advocate

09:10 **Dr Lisa Conner**, Immune Cell Biology, Malaghan Institute of Medical Research
Induction of Th2 Immunity by Dendritic Cells

09:40 **Mr Heeva Baharlou**, Centre for Virus Research, The Westmead Institute for Medical Research
Investigating Early Interactions of HIV with T Cells and Mononuclear Phagocytes in the Human Anogenital Mucosa

10:10 **Dr Helen McGuire**, Ramaciotti Facility for Human Systems Biology, Centenary Institute
Taking Mass Cytometry, a Single Cell Proteomic Platform for Comprehensive Immune Analysis to the Clinic

10.35 **Morning Tea**

Session 4

Chair: Dr Melinda Dean

11.05 **A/Prof Patrick Bertolino**, Faculty and Head of the Liver Immunology Program, Centenary Institute
A Hepatic Capsular Network of Monocyte-Derived Macrophages Protects Against Liver Dissemination of Intraperitoneal Bacteria by Neutrophil Recruitment

11.35 **Dr Jesse Goyette**, School of Medical Sciences, University of NSW
Measuring Tethered Signaling on Immune Receptor Tails Using a Novel Surface Plasmon Resonance Assay

12.05 **Dr Slavica Vuckovic**, Institute of Haematology, Royal Prince Alfred Hospital
Stem Cell Transplantation Establishes T Cell-Dependent Myeloma Immune-Equilibrium that is Enhanced by CD137 Co-stimulation

12.35 **Lunch**

Session 5

Chair: Dr Slavica Vuckovic

13.30 **Dr Tatyana Chtanova**, Immunology, Garvan Institute
In Vivo Photolabelling Reveals the Fate of Immune Cells in Tumours

14.00 **A/Prof Irina Caminschi**, Biochemistry and Molecular Biology, Monash University
Designing Better Vaccines: Dendritic Cells are the Key

14.30 **Dr Jennifer Hsu**, Dendritic Cell Research, ANZAC Research Institute
Next Generation DC Vaccines: Providing a Therapeutic Option for Frail Acute Myeloid Leukaemia Patients

15.00 **Afternoon Tea**

Session 6

Chair: Dr Christian Bryant

15.25 **Prof Barbara Fazekas de St Groth**, Discipline of Pathology, University of Sydney
Regulatory T Cells and the Responses to Tumour Antigen

15.55 **Prof Derek Hart**, Dendritic Cell Research, ANZAC Research Institute
The CD83 Story

16.40 **Close**

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