



Dendritic Cell Research Group  
Annual DC Down Under Symposium 2015  
**'Antigen Uptake and Processing, Immune Therapies of the Future'**  
Lecture Theatre 1, Ground Floor, Concord Medical Education Centre  
Concord Repatriation General Hospital, Hospital Road, Concord

## THURSDAY 6 AUGUST 2015

12.00 **Registration – Tea and Coffee**

### Session 1

Chair- Professor 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 **Mr John Fullagar**

Consumer Perspective - Prostate Cancer

12.50 **Dr Holly Bolton** – *T Cell Biology, Centenary Institute*

Regulatory T Cell-Dendritic Cell Interactions In The Prevention Of Graft-Versus-Host Disease

13.20 **Dr Ben Roediger** – *Head, Skin Inflammation Group, Centenary Institute*

Using Fluorescent Reporter Mice To Investigate Dendritic Cell Development And Trafficking

13.50 **Prof Nick King** - *Bosch Institute, University of Sydney*

Immune Responses to Neurotropic Flavivirus Infection

14.20 **Dr Clare Slaney** – *Cancer Immunology Research Program, Peter MacCallum Cancer Centre*

Eradication Of Large Established Her2+ Tumours Using Dual-Specific Chimeric Antigen Receptor (CAR) T Cells And Vaccine

14.50 **Afternoon Tea**

### Session 2

Chair - Dr Pablo Silveira

15.20 **Prof Helen O'Neill** – *Stem Cell and Immunology, The Australian National University*

DC Development in Spleen

15.50 **Mrs Kirstie Bertram** – *Centre for Virus Research, Westmead Millennium Institute*

Phenotyping Dendritic Cell Subsets From Human Anogenital Tissues

16.20 **KEYNOTE SPEAKER**

**Dr Jason Waithman** – *Cancer Immunology Unit, Telethon Kids Institute*

XCR1+ Dendritic Cell Cross-Presentation Of Cutaneous Tumour Antigen – Targets For Therapeutic Peptide Vaccination

17.20 **Close and Drinks**

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## FRIDAY 7 AUGUST 2015

08.30 **Registration**

### Session 3

Chair – A/Prof Georgina Clark

09:00 **KEYNOTE SPEAKER**

**A/Prof David Avigan** – *Harvard Medical Institute, Boston, USA*

Cancer Vaccines and Immunomodulatory Therapy

10.00 **Ms Sylvia Murphy**

Consumer Perspective - AML

10:05 **Dr Pablo Silveira** – *Dendritic Cell Research, ANZAC Research Institute*

Targeting CD83 on Activated Dendritic cells as an Immunosuppressive Strategy

10.30 **Morning Tea**

### Session 4

Chair - Dr Justine Mintern

11.00 **Dr Stuart Turville** – *Centre for Virus Research, Westmead Millennium Institute*

Resolution Of F-Actin Regulation In Dendritic Cells Through The Study Of HIV Egress

11.30 **Mr Kevin Lo**– *Dendritic Cell Research, ANZAC Research Institute*

Functional studies on the C-type Lectin Receptor CD302 present on dendritic cells and macrophages.

12.00 **Prof Jennifer Stow** - *Institute for Molecular Bioscience, The University of Queensland*

Cell Surface Events In Pathogen Recognition; Ruffles And Regulators

12.30 **Lunch**

### Session 5

Chair - Dr Jason Waithman

13.20 **Dr Helen McGuire** – *T Cell Biology, Centenary Institute*

Exploiting Mass Cytometry, A Single Cell Proteomic Platform For Comprehensive Immune Analysis

13.50 **Dr Min Kim** – *Centre for Virus Research, Westmead Millennium Institute*

Initial Interactions Of Herpes Simplex Virus With Human Skin Dendritic Cells

14.20 **Dr Phillip Fromm**– *Dendritic Cell Research, ANZAC Research Institute*

mRNA Loaded Blood Dendritic Cells: A Novel Anti-Cancer Vaccination Strategy

14.50 **Afternoon Tea**

### Session 6

Chair– A/Prof Scott Byrne

15.05 **Dr Justine Mintern** – *Biochemistry and Molecular Biology, The University of Melbourne*

Going Places: Trafficking For Effective Immunity

15.35 **A/Prof David Booth** – *Immunology and Allergy Research, Westmead Millennium Institute*

How The Vitamin D Receptor Regulation Of Dendritic Cells Affects Autoimmunity

16.05 **A/Prof Raymond Steptoe** - *Autoimmunity and Tolerance Group, University of Queensland Diamantina Institute*

Blockade of PD-1/PD-L1 Promotes Adoptive T-Cell Immunotherapy in a Tolerogenic Environment

16.35 **Prof Derek Hart** – *Dendritic Cell Research, ANZAC Research Institute*

Closing

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