Bosch Institute Annual Scientific Meeting
Cancer on the Run:
The Tumour Microenvironment and Novel Therapeutics

Thursday, 1st August, 2019

REGISTRATION 8:00am – 8:45am

WELCOME
8:50 AM  Professor MacDonald Christie
Executive Director, Bosch Institute

OPENING REMARKS
8:55 AM  Professor Des Richardson (Chair, Organising Committee)

SESSION–1 (9:00 – 10:30 AM):
Breast Cancer Pathobiology: New Drivers and Molecular Targets

Chair:  Professor Des Richardson

9:00 AM  Key Note Speaker
Professor David Wink
Deputy Director for Translational Sciences, Cancer Inflammation Program,
National Cancer Institute, NIH, Frederick, Maryland USA
NOS2 and COX2 as major drivers of poor outcome in ER- breast
Cancer: New therapeutic opportunities in a difficult disease

9:30 AM  Professor Michael V. Berridge
Distinguished Research Fellow and Group Leader, Cancer Cell Biology, Malaghan
Institute of Medical Research, Wellington, New Zealand
Effects of mitochondrial DNA deletion on tumour immology in a breast
cancer model

9:50 AM  Dr Dinny Graham
Westmead Clinical School, The Westmead Institute for Medical
Research, University of Sydney
Drivers of proliferation in normal breast and breast cancer

10:10 AM  Dr Zaklina Kovacevic
NHMRC Career Development Research Fellow, School of Medical Sciences,
Discipline of Pathology, University of Sydney
Targeting the metastasis suppressor NDRG1 to inhibit breast cancer
progression and the development of resistance

TEA BREAK & INTERACTION WITH SPONSORS (10:30 – 11:00 AM)
SESSION–2 (11:00 AM – 12:40 PM):
Innovative Anti-Tumour Therapeutics and Laboratory Techniques

Chair: Professor Minoti Apte

11:00 AM Keynote Speaker
Professor Christopher R. Chitambar
Professor of Medicine and Biophysics, Division of Hematology & Oncology, Froedtert and MCW Clinical Cancer Center, Medical College of Wisconsin, USA
Tumor Ferrobiology as a target for cancer therapeutics: Development of an iron-mimetic metallocompound for the treatment of brain tumors

11:30 PM Keynote speaker
Professor Des Richardson
Professor of Cancer Cell Biology & NHMRC Senior Principal Research Fellow, Pathology, School of Medical Sciences, Bosch Institute, University of Sydney
Innovative Clinically Trialed Agents that Target the Signalling Guru and Metastasis Suppressor, NDRG1: The Role of MIG6

12:00 PM Dr Danuta Kalinowski
CINSW Career Fellow, School of Medical Sciences, Discipline of Pathology, University of Sydney
Differential activity of copper Bis(Thiosemicarbazones) as anti-cancer agents

12:20 PM Dr Donna Lai
Molecular Biology Facility, Bosch Institute, University of Sydney
Innovative approaches in live cell, gene expression and protein analyses

LUNCH BREAK / POSTER SESSION (12:40 – 2:00 PM)

SESSION–3 (2:00 – 3:30 PM):
Acquired Resilience, the Tumour Microenvironment, Melanoma Metastasis and Biology

Chair: Dr. Patric Jansson, CINSW Career Fellow

2:00 PM Key Note Speaker
Professor Jonathan Stone
Professor of Physiology, School of Medical Sciences, Bosch Institute, University of Sydney
Acquired Resilience: An emerging tool in the fight against cancer

2:30 PM Professor Minoti Apte
Editor-in-Chief, Pancreatology; Director, Pancretic Research Group
Faculty of Medicine, UNSW; Ingham Institute for Applied Medical Research
Targeting the microenvironment of pancreatic cancer – The key role of pancreatic stellate cells
Associate Professor Elin Gray  
*Cancer Research Trust Postdoctoral Fellow and Senior Researcher, Melanoma Research Group, School of Medical and Health Sciences, Edith Cowan University, Western Australia*

**Liquid Biopsy for Prognosis and Monitoring of Patients with Metastatic Melanoma**

Ms Jasmina Paluncic  
*PhD Candidate, The University of Sydney*

**Roads to melanoma: The Yin-Yang relationship between melanoma tumour antigen, Melanotransferrin (MTf) and the metastasis suppressor, NDRG1**

**TEA BREAK & INTERACTION WITH SPONSORS (3:30 – 4:00 PM)**

**SESSION–4 (4:00 – 5:15 PM): PRIZES AND 3 MINUTE THESIS**

**TALKS Chair: TBA**

**4:00 PM**  
Bercovici Prize Recipient’s talk

**4:10 PM**  
The HL and PO Bishop Fellowship in Neuroscience Recipient’s talk

**4:20 PM**  
3 Minute Thesis Presentations & Summary

**5:05 PM**  
Prize Presentations

- **3 Minute Thesis Prize** – TBA
- **Young Investigator Poster Prize** – TBA
- **Bercovici Prize** – TBA
- **The HL and PO Bishop Fellowship in Neuroscience** - Dr Roderick Bishop  
  (Director of the Department of Emergency Medicine, Nepean Hospital)

**CLOSING REMARKS**

**5:15 PM**  
*Mr. Paul Fegan*  
Chair, Bosch Institute Advisory Board

**5:25 – 7:30 PM**  
**Social Drinks – Anderson Stuart Building**