

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 – 3:40 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

2:40 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

3:00 PM 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

3:20 PM 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 (3:40 – 4:10 PM)

SESSION 4 (4:10 – 5:15 PM): PRIZES AND 3 MINUTE THESIS

TALKS Chair: Professor Frank Lovicu

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**
First Prize \$350 sponsored by *BBA General Subjects*
- **Young Investigator Poster Prize**
First Prize \$350 sponsored by *BBA General Subjects*
- **Bercovici Prize** – Professor Max Bennett
- **The HL and PO Bishop Fellowship in Neuroscience** - Dr Roderick Bishop

CLOSING REMARKS

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

5:25 – 7:30 PM **SocialDrinks -- Anderson Stuart Building**