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*
2:50 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

3:10 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 (3:30 – 4:00 PM)

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

TALKS Chair:  Professor Frank Lovicu

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  
  First Prize $350 sponsored by *BBA General Subjects*

- Young Investigator Poster Prize – TBA  
  First Prize $350 sponsored by *BBA General Subjects*

- 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  SocialDrinks -- Anderson Stuart Building