

Science on the Swan Post Conference Workshop
Cancer and Cancer Stem Cell Biology: Molecular Targets
Held by the Faculty of Health Sciences, Curtin University

Friday 24 April 2015

Building 104 Room 101 8.30am – 5.00pm

Welcome

8:30 – 8:40

Professor Michael Berndt

Pro-VC, Health Sciences

Curtin University, WA

Session 1: Chair Prof Arun Dharmarajan

8:40 – 8:45

Introduction

Professor Arun Dharmarajan

School of Biomedical Sciences, Curtin University, WA

8:45 – 9:25

“Cancer stem cells : the enemy within”

Professor Gail P. Risbridger

MCCC Research Director

Monash University, Victoria

9:25 – 9:45

‘Blood based biomarkers of disease diagnosis, progression and response to treatment in melanoma’

Professor Mel Ziman

School of Medical Sciences

Edith Cowan University, WA

9:45 – 10:05

“Manipulating neural stem cells to model brain cancer”

Dr Raelene Endersby

Telethon Kids Institute

Perth

10:05 – 10:25

"TWEAK/Fn14 signalling as a marker of cholangiocarcinoma"

Dr Nina Trinitz-Parker

School of Biomedical Sciences, Curtin University

10:25 – 10:45 Morning Tea

Session 2: Chair Dr Alex Swarbrick

10.45-11.15

"Targeting leukaemia stem cells: self-renewal and epigenetics"

Dr. Jenny Y. Wang

Lowy Cancer Research Centre,
University of New South Wales, NSW

11.15 – 11.35

"Computational aspects of analysis of large scale data"

Professor Shekar Mande

Director, National Centre for Cell Science
Pune, India

11:35 – 11:55

"Functional Characterization of CD133+ Cancer Stem Cells in Melanoma Progression and Angiogenesis"

Dr Gopal Kundu

Scientist-G
National Centre for Cell Science
Pune, India

11:55 – 12:15

"Potential application of gamma-tocotrienol as a novel chemosensitizer and angiogenesis inhibitor in gastric cancer"

Associate Professor Gautam Sethi

Department of Pharmacology,
Yong Loo Lin School of medicine,
National University of Singapore, Singapore

12:15 – 12:35

"DEAD-box RNA Helicase DP103 as a Biomarker for Therapeutic Response to Docetaxel"

Dr Alan Kumar

Department of Pharmacology,
Yong Loo Lin School of medicine,
National University of Singapore, Singapore

12:35 – 13:20 Lunch

Session 3: Chair Prof Gail Risbridger

13:20 – 13:50

"Inhibitor of Differentiation proteins in physiological and malignant stem cells of the breast"

Dr Alexander Swarbrick

Garvan Institute of Medical Research
Sydney, NSW

13:50-14:10

“The stem of cancer chemoresistance- targeting cancer stem cells via the Wnt-beta catenin pathway”

Associate Professor Sudha Warriar

Manipal University, India

14:10 – 14:30

“Metabolic disorders: an unexpected role in cancers”

Dr. Manoj Kumar Bhat

Scientist-G

National Centre for Cell Science

Pune, India

14:30 – 14:50

"Ovarian Cancer Stem Cells - Implications for therapies"

Dr Shamila A.Bapat

Scientist-F

National Centre for Cell Science

Pune, India

14:50 – 15:10

“Melanoma and the Cancer Stem Cell Issue”

Professor Deirdre Coombe

School of Biomedical Sciences, Curtin University

15:10 – 15:30 Afternoon tea

Session 4: Chair Dr Jenny Wang

15:30-16:00

“ABC transporters/GPCRs pathways as novel therapeutic targets in cancer”

Professor Marco Falasca

Metabolic Signalling Group

School of Biomedical Sciences, Curtin University, WA

16:00 – 16:20

'PEDF and bone cancers”

Professor Crispin Dass

School of Pharmacy, Curtin University, WA

16:20-16:40

“Cancer, chemo-immunotherapy and the ageing immune system”

Dr Delia Nelson

School of Biomedical Sciences, Curtin University

16:40 – 17:00

“Gut microbiome and human health : Insights from Metagenomics studies”

Dr Sharmila Mande

Head of Bio-Sciences R&D

Tata Consultancy Services Ltd

Pune, India

17:00-17:10 Closing remarks

Professor John Mamo

Director, Curtin Health Innovation Research Institute-Biosciences,
Faculty of Health Sciences

17:10 – 17:30

Refreshments