

Thursday 9th February 2018

Session 1: Oncogene Signaling

2:00 PM – 4:00 PM

Chair: Suzanne Cory

CSL Lecture Theatre

Session sponsored by:



2:00 PM Welcome – **David Vaux**

2:10 PM **Jim Woodgett**

Prital Patel, Michael Parsons and Jim Woodgett Lunenfeld-Tanenbaum Research Institute

abs# 1

2:40 PM **Kristin Brown**

Crosstalk between oncogenic signalling pathways in breast cancer

abs# 2

3:05 PM **Matthew P McCormack**

Hhex induces promyelocyte self-renewal and cooperates with growth factor independence to cause myeloid leukemia in mice

abs# 3

3:20 PM **Najoua Lalaoui**

The smac-mimetic birinapant as a targeted therapy for triple-negative breast cancers

abs# 4

3:35 PM **Peter Leedman**

RNA-based cancer therapeutics – are we there yet?

abs# 5

Afternoon Tea

4:00 PM – 4:30 PM

Trade Area Level 2 & 3

Session 2 - Flash Talks and Melanoma Genomics

4:30PM - 6:10PM

Chair: David Vaux

CSL Lecture Theatre

Session sponsored by:



FLASH TALKS 4:30 PM – 5:20 PM

Evan Ingley

Involvement of the cytoskeletal regulator AFAP1L1 in sarcoma invasion and migration

abs# 101

Shunfei Yan

A Genome-wide RNAi Screen Identifies Synthetic Lethality of CX-5461 with TOP1 inhibition in Ovarian Cancer

abs# 102

Kate Meehan

Blood brothers: Exosomal DNA and circulating tumour DNA as complementary tools for disease monitoring in breast cancer

abs# 103

	Zhi Ling Teo Combined treatment with CDK4/6 and PI3K α inhibitors is immunogenic and effective against triple-negative breast cancer	<i>abs# 104</i>
	Patrick Connerty A novel metabolic regulatory mechanism of leukaemia stem cells in acute myeloid leukaemia	<i>abs# 105</i>
	Kelsie Raspin The identification of rare variants in Tasmanian prostate cancer pedigrees using whole-genome sequencing	<i>abs# 106</i>
	Michael Dengler The pro-survival protein Mcl-1 as a therapeutic target in mantle cell lymphoma	<i>abs# 107</i>
	Shatha AbuHammad Inhibition of the protein arginine methyltransferase PRMT5 overcomes resistance to CDK4-inhibition in melanoma	<i>abs# 108</i>
	Ana Janic Coordination of DNA Repair Is Critical for P53-Mediated Tumour Suppression	<i>abs# 109</i>
	Withdrawn	<i>abs# 110</i>
5:20 PM	Peter Simpson The Mutational Landscape of Familial Breast Cancers	<i>abs# 6</i>
5:35 PM	Graham Mann Insights from the Australian Melanoma Genome Project	<i>abs# 7</i>

Welcome BBQ

6:15 PM – 7:30 PM

Lorne Central

Poster Session 1

7:30 PM – 10:00 PM

Trade Area Level 2 & 3
Session sponsored by:



Friday 9th February 2018

Session 3 - ECM/Metastasis

8:30AM - 10:20AM

CSL Lecture Theatre

Chair: Michael Samuel

- 8:30 AM **Erik Sahai**
Role of the microenvironment in cancer invasion and therapy response *abs# 8*
- 9:00 AM **Jeanne Tie**
Emerging role of liquid biopsy in colorectal cancer: Detecting Minimal Residual Disease and Assessing Treatment Response *abs# 9*
- 9:25 AM **Ruth Ganss**
Re-educating the Tumour Microenvironment to Overcome Resistance *abs# 10*
- 9:40 AM **Michael Buchert**
DCLK1 is a novel driver of gastric tumourigenesis *abs# 11*
- 9:55 AM **Thomas Cox**
Seeing is believing: Mapping the dynamic extracellular matrix in cancer. *abs# 12*

Morning Tea

10:20 PM – 11:00 AM

Trade Area Level 2 & 3

Session 4 - Oncogene/Tumour Targeting

11:00AM - 12:50PM CSL

Lecture Theatre

Chair: Daniel Gough

Session sponsored by:



- 11:00 AM **Shiva Malek**
Harnessing kinase dependent and independent functions of RAF kinases to treat RAS mutant tumors *abs# 13*
- 11:30 AM **Marina Pajic**
In vivo models of acquired resistance reveal complex mechanisms behind treatment failure in pancreatic cancer and provide means for effective targeting *abs# 14*
- 11:45 AM **Mary Ann Anderson**
The Emerging Role for BCL2 Inhibition in Haematological Malignancy *abs# 15*
- 12:10 PM **Shannon R Joseph**
CESTEM-1 clinical trials using dynamin inhibitors to reverse resistance to monoclonal antibody therapy *abs# 16*
- 12:25 PM **Michelle Haber**
Molecular targeted therapy for childhood cancer *abs# 17*

Lunch & Free Time

12:50PM - 4:00PM

Trade Area Level 2 & 3

Session 5 - Guarding the Genome and Flash Talks

4:00PM - 6:00PM

CSL Lecture Theatre

Chair: Alex Swarbrick

- 4:00 PM **David Lane**
The regulation of p53 in human cancer *abs# 18*
- 4:30 PM **Sharad Kumar**
Caspase-2 as a suppressor of aneuploidy *abs# 19*
- 4:55 PM **Luisa Cimmino – Lorne Cancer Boomerang Award Winner**
Restoration of TET function as a therapeutic strategy in leukemia *abs# 20*

FLASH TALKS 5:20PM - 6:00PM

Iza Denis

AR chromatin binding events get reprogrammed in the absence of FOXA1 in ER negative breast cancers *abs# 201*

Sarah Best

Synergy between the KEAP1/NRF2 and PI3K pathways drives non-small cell lung cancer with an altered metabolism *abs# 202*

Beatriz Perez San Juan

Unravelling the role of cell plasticity in brca development and metastasis *abs# 203*

Edward Chew

A novel familial AML syndrome with a distinctive mutational signature and common driver mutations due to germline MBD4 loss *abs# 204*

Jasmine Chen

Over-expression of MYC drives aggressive Small Cell Lung Cancer in vivo *abs# 205*

Karishma Sachaphibulkij

RIG-Ing lung cancer to death *abs# 206*

Dinner

6:30PM - 7:30PM

Lorne Surf Club

Poster Session 2

7:30PM - 10:00PM

Trade Area Level 2 & 3

Saturday 10th February 2018

Session 6 - Tumour-Host Interactions

8:45AM - 10:25AM

CSL Lecture Theatre

Chair: Jeff Holst

- 8:45 AM **Andrei Goga**
Metabolic Adaptations and Vulnerabilities in MYC-Driven Cancers *abs# 21*
- 9:15 AM **Michelle McDonald**
Intravital imaging of the tumour bone niche reveals novel cell behaviour: implications for microenvironmental regulation of tumour cell dormancy. *abs# 22*
- 9:30 AM **Claudine Bonder**
Desmoglein-2, an unsuspected regulator of tumour vasculature in melanoma. *abs# 23*
- 9:45 AM **Tony Tiganis**
Obesity and Liver Cancer *abs# 24*
- 10:10 AM **Brian Gabrielli**
Increasing replication stress sensitises melanoma and non-small cell lung cancers to CHK1 inhibitors *in vitro* and *in vivo* *abs# 25*

Morning Tea

10:25AM - 11:00AM

Trade Area Level 2 & 3

Session 7 - Stem Cells and Cancer

11:00AM - 12:30PM

CSL Lecture Theatre

Chair: Jane Visvader

- 11:00 AM **Andreas Trumpp**
Stem Cell Function during Physiology and Cancer *abs# 26*
- 11:30 AM **Madison J Kelly**
BCOR regulates myeloid differentiation and leukaemogenesis by altering the epigenome *abs# 27*
- 11:45 AM **Mitchell Lawrence**
Intraductal carcinoma is a marker of high risk prostate cancer *abs# 28*
- 12:00 PM **Tannishtha Reya**
Imaging stem cell signals in cancer heterogeneity and therapy resistance *abs# 29*

Lunch & Free Time

12:30PM - 4:00PM

Trade Area Level 2 & 3

Session 8 - New Advances in Kinase Inhibitors

4:00PM - 5:25PM
Chair: Elgene Lim

CSL Lecture Theatre
Session sponsored by:



- 4:00 PM **Shom Goel**
CDK4/6 inhibition in breast cancer: cycling from bench to bedside *abs# 30*
- 4:30 PM **Grant McArthur**
Overcoming early adaptation to inhibition of BRAF in melanoma *abs# 31*
- 4:55 PM **Elise Kohn**
Targeting pathways: when one plus one equals more than two *abs# 32*

Short Break

5:25PM - 5:45PM

Trade Area Level 2 & 3

The Ashley Dunn Oration

5:45PM - 6:50PM

CSL Lecture Theatre

- 5:50 PM **Douglas Hanahan**
Microenvironmental determinants of invasion and metastasis *abs# 33*

Closing Remarks

6:50PM - 7:00PM

CSL Lecture Theatre

Conference Dinner & After Party

7:30PM - 11:00PM

Lorne Hotel

After Dinner Speaker

Emeritus Prof Henry Ekert, *Royal Children's Hospital*

Sunday 11th February 2018

Bus departs

10:00am out the front of the Cumberland.
You must have purchased a spot on the bus.

2:00pm out the front of the Cumberland. You
must have purchased a spot on the bus.

Bus departs