### Session 1: Oncogene Signaling

2:00 PM – 4:00 PM  
CSL Lecture Theatre  
Chair: Suzanne Cory  

**Session sponsored by:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Topic</th>
<th>Abstract ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>Welcome</strong> – David Vaux</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:10 PM</td>
<td><strong>Jim Woodgett</strong></td>
<td>Prital Patel, Michael Parsons and Jim Woodgett Lunenfeld-Tanenbaum Research Institute</td>
<td>abs# 1</td>
</tr>
<tr>
<td>2:40 PM</td>
<td><strong>Kristin Brown</strong></td>
<td>Crosstalk between oncogenic signalling pathways in breast cancer</td>
<td>abs# 2</td>
</tr>
<tr>
<td>3:05 PM</td>
<td><strong>Matthew P McCormack</strong></td>
<td>Hhex induces promyelocyte self-renewal and cooperates with growth factor independence to cause myeloid leukemia in mice</td>
<td>abs# 3</td>
</tr>
<tr>
<td>3:20 PM</td>
<td><strong>Najoua Lalaoui</strong></td>
<td>The smac-mimetic birinapant as a targeted therapy for triple-negative breast cancers</td>
<td>abs# 4</td>
</tr>
<tr>
<td>3:35 PM</td>
<td><strong>Peter Leedman</strong></td>
<td>RNA-based cancer therapeutics – are we there yet?</td>
<td>abs# 5</td>
</tr>
</tbody>
</table>

**Afternoon Tea**

4:00 PM – 4:30 PM  
Trade Area Level 2 & 3

### Session 2 - Flash Talks and Melanoma Genomics

4:30PM - 6:10PM  
CSL Lecture Theatre  
Chair: David Vaux  

**FLASH TALKS 4:30 PM – 5:20 PM**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<th>Abstract ID</th>
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<tbody>
<tr>
<td></td>
<td><strong>Evan Inglecy</strong></td>
<td>Involvement of the cytoskeletal regulator AFAP1L1 in sarcoma invasion and migration</td>
<td>abs# 101</td>
</tr>
<tr>
<td></td>
<td><strong>Shunfei Yan</strong></td>
<td>A Genome-wide RNAi Screen Identifies Synthetic Lethality of CX-5461 with TOP1 inhibition in Ovarian Cancer</td>
<td>abs# 102</td>
</tr>
<tr>
<td></td>
<td><strong>Kate Meehan</strong></td>
<td>Blood brothers: Exosomal DNA and circulating tumour DNA as complementary tools for disease monitoring in breast cancer</td>
<td>abs# 103</td>
</tr>
</tbody>
</table>
Zhi Ling Teo
Combined treatment with CDK4/6 and PI3Kα inhibitors is immunogenic and effective against triple-negative breast cancer  

Patrick Connerty
A novel metabolic regulatory mechanism of leukaemia stem cells in acute myeloid leukaemia  

Kelsie Raspin
The identification of rare variants in Tasmanian prostate cancer pedigrees using whole-genome sequencing  

Michael Dengler
The pro-survival protein Mcl-1 as a therapeutic target in mantle cell lymphoma  

Shatha AbuHammad
Inhibition of the protein arginine methyltransferase PRMT5 overcomes resistance to CDK4-inhibition in melanoma  

Ana Janic
Coordination of DNA Repair Is Critical for P53-Mediated Tumour Suppression  

Withdrawn  

5:20 PM Peter Simpson
The Mutational Landscape of Familial Breast Cancers  

5:35 PM Graham Mann
Insights from the Australian Melanoma Genome Project  

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 3 - ECM/Metastasis

8:30 AM - 10:20 AM  
CSL Lecture Theatre  
Chair: Michael Samuel

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

## 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: Novartis

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

12:50PM - 4:00PM  
Trade Area Level 2 & 3

# Session 5 - Guarding the Genome and Flash Talks

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00PM</td>
<td><strong>David Lane</strong></td>
<td>The regulation of p53 in human cancer</td>
<td>CSL Lecture Theatre</td>
</tr>
<tr>
<td>4:30PM</td>
<td><strong>Sharad Kumar</strong></td>
<td>Caspase-2 as a suppressor of aneuploidy</td>
<td></td>
</tr>
<tr>
<td>4:55PM</td>
<td><strong>Luisa Cimmino</strong> - Lorne Cancer Boomerang Award Winner</td>
<td>Restoration of TET function as a therapeutic strategy in leukemia</td>
<td></td>
</tr>
<tr>
<td>5:20PM</td>
<td><strong>Iza Denis</strong></td>
<td>AR chromatin binding events get reprogrammed in the absence of FOXA1 in ER negative breast cancers</td>
<td></td>
</tr>
<tr>
<td>5:20PM</td>
<td><strong>Sarah Best</strong></td>
<td>Synergy between the KEAP1/NRF2 and PI3K pathways drives non-small cell lung cancer with an altered metabolism</td>
<td></td>
</tr>
<tr>
<td>5:45PM</td>
<td><strong>Beatriz Perez San Juan</strong></td>
<td>Unravelling the role of cell plasticity in brca development and metastasis</td>
<td></td>
</tr>
<tr>
<td>5:45PM</td>
<td><strong>Edward Chew</strong></td>
<td>A novel familial AML syndrome with a distinctive mutational signature and common driver mutations due to germline MBD4 loss</td>
<td></td>
</tr>
<tr>
<td>5:45PM</td>
<td><strong>Jasmine Chen</strong></td>
<td>Over-expression of MYC drives aggressive Small Cell Lung Cancer in vivo</td>
<td></td>
</tr>
<tr>
<td>5:45PM</td>
<td><strong>Karishma Sachaphibulkij</strong></td>
<td>RIG-Ing lung cancer to death</td>
<td></td>
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</tbody>
</table>

# Dinner

6:30PM - 7:30PM  
Lorne Surf Club

# Poster Session 2

7:30PM - 10:00PM  
Trade Area Level 2 & 3
Session 6 - Tumour-Host Interactions

8:45 AM - 10:25 AM
Chair: Jeff Holst
CSL Lecture Theatre

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

10:25 AM - 11:00 AM
Trade Area Level 2 & 3

Session 7 - Stem Cells and Cancer

11:00 AM - 12:30 PM
Chair: Jane Visvader
CSL Lecture Theatre

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:  
AstraZeneca

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
<th>abs#</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 PM</td>
<td>Shom Goel</td>
<td>CDK4/6 inhibition in breast cancer: cycling from bench to bedside</td>
<td>30</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Grant McArthur</td>
<td>Overcoming early adaptation to inhibition of BRAF in melanoma</td>
<td>31</td>
</tr>
<tr>
<td>4:55 PM</td>
<td>Elise Kohn</td>
<td>Targeting pathways: when one plus one equals more than two</td>
<td>32</td>
</tr>
</tbody>
</table>

#### Short Break
5:25PM - 5:45PM  
Trade Area Level 2 & 3

### The Ashley Dunn Oration
5:45PM - 6:50PM  
CSL Lecture Theatre

<table>
<thead>
<tr>
<th>Time</th>
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<th>abs#</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:50 PM</td>
<td>Douglas Hanahan</td>
<td>Microenvironmental determinants of invasion and metastasis</td>
<td>33</td>
</tr>
</tbody>
</table>

### 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*

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### Sunday 11th February 2018

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

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