

Australia and New Zealand Society for
Cell and Developmental Biology Inc.



8th ANZSCDB Adelaide Meeting

Tuesday 13th November 2018, UniSA CRI Building, BioMed City

Program

- 8:45-9:15** **Registration**
Level 8, UniSA Cancer Research Institute Building, Corner of Morphett St
Bridge and North Tce
- 9:15-9:30** **Welcome**
Sarah Boyle and Yoon Lim
- 9:30-10:30** **PLENARY 1**
Chair: Dr. Loretta Dorstyn
Dr. Ivan Poon – Head, Apoptotic Cell disassembly & Clearance Lab
La Trobe University
“The last dance of a dying cell”
- 10:30-11:00** **Morning Tea and Posters**
- 11:00-12:30** **PostDoc Presentations Selected From Abstracts**
Chairs: Dr. Winnie Kan & Dr. Genevieve Secker
- Cindy Xu** – Centre for Cancer Biology
*“Hedgehog and Wingless signalling are not essential to regulate autophagy-
dependent cell death”*
- Fatwa Adikusuma** – University of Adelaide
*“Unexpected genome editing outcomes from DNA cleavage induced by
CRISPR-Cas9”*
- Noralyn Manucat-Tan** – Flinders University
“Elucidating the importance of hypochlorite-induced protein modification”
- Natasha Kolesnikoff** – Centre for Cancer Biology
“Mast cell protease 4 protects against cutaneous tumour formation in mice”
- Mohamamdhossein Hassanshahi** – University of South Australia

“Icariin supplementation attenuates methotrexate chemotherapy-induced bone loss and bone marrow microvascular damage in rats”

Jantina Manning – Centre for Cancer Biology

“Loss of Nedd4-2 leads to progressive salt-sensitive kidney disease”

12:30-1:00 **SPECIAL SYMPOSIUM**

Chair: Dr. Yoon Lim

Dr. Tim Sargeant – Head, Hopwood Centre for Neurobiology, SAHMRI

“Molecular quality control in Alzheimer's disease: the broken lysosomal system and how we are trying to fix it”

1:00-2:00 **Lunch / Poster Judging / Trade display**

2:00-4:00 **Student Presentations Selected From Abstracts**

Chairs: Dr. Donna Denton & Dr. Drew Sutton

Laura Hewson – University of Adelaide

“Using Drosophila melanogaster to uncover disease-related mechanisms of Sanfilippo Syndrome”

Emily Button – University of Adelaide

“SIM2 function and cross-talk in breast cancer”

Ellen Potoczky – Centre for Cancer Biology

“PR/Set Domain 5: A Critical Transcriptional Regulator of Craniofacial Development”

Vahid Atashgaran – University of Adelaide

“Hormonal regulation of transcription factor FoxP3 in mammary epithelial cells”

Jan Kazenwadel – Centre for Cancer Biology

“Lymphatic endothelial cell identity is controlled by a GATA2 bound enhancer”

Joseph Rossi – University of Adelaide

“Characterising interactions between bHLH-PAS and HD transcription factors using a Tri-partite Split GFP system”

Valentina Poltavets – Centre for Cancer Biology

“Investigating the interplay between 14-3-3 ζ and the Rho-ROCK pathway in breast cancer”

Thaksaon Kittipassorn – University of Adelaide

“And they proliferate rapidly ever after: an immortalised Müller cell story”

Kay Khine Myo Min – Centre for Cancer Biology
“Targeting the tumour vasculature in pancreatic cancer”

4:00-4:30 **Afternoon Tea**

4:30-5:30 **PLENARY 2**

Chair: Dr. Sarah Boyle

Dr. Kara Britt – Team leader, Cancer Genetics and Genomics Program
Peter MacCallum Cancer Centre

“Decreasing breast cancer incidence by targeting the cell driving hormonally responsive breast cancer”

5:30 **Announcement of Awards**

Sarah Boyle and Yoon Lim

Image Competition Sponsored by Zeiss

Poster List

Matias Abregu: *“Tracking of Migration using Digital Holography to Monitor Drug-Induced Phenotypic Shifts in Breast Cancer Cells”*

Kelly Betterman and Drew Sutton: *“Defining the role of the atypical cadherin FAT4 in lymphatic vascular development”*

Yu Chin (Josh) Chey: *“Sn‘HIF’ing out HIF in Multiple Myeloma”*

Natalie Foot: *“Arrdc4 is important for sperm maturation during epididymal transit”*

Cameron Haydinger: *“What drives aerobic glycolysis in the mammalian retina?”*

Xin Jiang: *“Using Drosophila melanogaster to characterise the role of CG14435 in autophagy-dependent cell death”*

Esma Kararmaz and Samantha Watson: *“Study of anti-cancer effects of Sea Cucumbers: Potential Natural Medicine for Cancer”*

Winnie Kan: *“Sequential cytokine receptor assembly regulates IL-3 pleiotropy”*

Mariana Oksdath-Mansilla: *“Characterization of mechanosensitive pathways in human brain development”*

David Newman: *“Link Between Aneuploidy and ROS”*

Genevieve Secker: *“The role of the Nedd4 ubiquitin ligase during lymphatic development”*

Mara Zeissig: *“Chemokine receptor CCR1 expression promotes dissemination of plasma cells in multiple myeloma”*

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**Centre for
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