

ANZSCDB

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



13th ANZSCDB VIC State Conference

Thursday, 26th August 2021

Ian Potter Auditorium, Kenneth Myer

Building, Parkville

Scientific Program

08.00 – 09.00am Registration

09.00 – 09.10am Welcome

SESSION 1

09.10 – 09.20am Congratulations to ANZSCDB President's medal winner Prof. Peter Gunning by ANZSCDB President Prof. Jenny Stow (virtual)

09.20 – 10.00am **Plenary Talk by Prof. Peter Gunning (virtual)**
Identifying the therapeutic potential of the actin/tropomyosin mechanome

10.00 – 10.15am Dr. Katrina Mitchell
The JNK and Hippo pathways co-regulate genes to control neoplastic tissue growth

10.15 – 10.30am Matthew Neve
Systematic high-throughput discovery of circular RNA that regulate cell-growth signaling

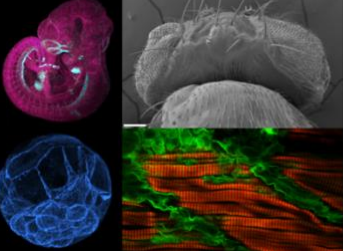
10.30 – 10.45am Azelle Hawdon
Real-time asymmetric RNA localisation coincides with the first cell fate decision during mammalian embryogenesis

10.45 – 11.00am Dr. Daniel Bird
Folliculogenesis and oocyte survival in mammalian ovaries is dependent on ATP6AP2

11.00 – 11.15am Morning Tea

SESSION 2

11.15 – 11.30am Dr. Wei Cao
Functional recovery of the germ line following splicing collapse



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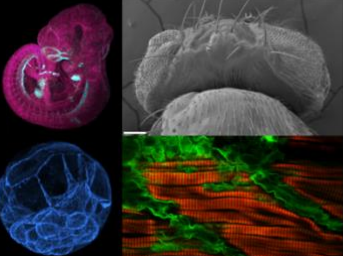


- 11.30 – 11.45am Abbas Salavaty
Identification, classification, and prioritization of most influential players in normal biological processes and diseases
- 11.45 – 12.00pm Dr. Isabella Kong
Epigenetic modulators of B cell fate identified through coupled-phenotype-transcriptome analysis
- 12.00 – 12.15pm Dr. Kazuhide Okuda
The RNA helicase Ddx21 controls Vegfc-driven developmental lymphangiogenesis by balancing endothelial cell ribosome biogenesis and p53 function
- 12.15 – 12.30pm Rebecca Stephens
Picking partners and sticking with them: Mapping the evolutionarily conserved binding profiles of Scribble interacting partners
- 12.30 – 01.00pm 10x selected 3 min poster flash talks
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01.00 – 02.30pm Lunch and Posters

SESSION 3

- 02.30 – 02.40pm Congratulations to ANZSCDB Emerging Leader Award winner Prof. Michael Samuel (virtual or in-person)
- 02.40 – 03.20pm **Plenary Talk by Prof. Michael Samuel (virtual or in-person)**
Cancer-Associated Fibroblasts: organisers of the microenvironment?
- 03.20 – 03.35pm Gemma Stathatos
Epsilon tubulin is required for fertility in male mice and has essential roles in meiosis and spermatid remodelling
- 03.35 – 03.50pm Dr. Axel Newton
Cell fate decisions underlying specification and differentiation of the avian forelimb
- 03.50 – 04.05pm Dr. Sophia Davidson
PKR is a sensor of proteotoxic stress via accumulation of cytoplasmic IL-24
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04.05 – 04.15pm Afternoon Tea

SESSION 4

04.15 – 05.00pm Yi-Cheng Chang
Nr6a1 controls axially-restricted body elongation, patterning and lineage allocation

04.30 – 04.45pm Dr. Ava Handley
ETS-5 regulates neuron-specific insulin signalling to control intestinal metabolism

04.45 – 05.00pm Dr. Julian Stolper
The human FLT1 regulatory element directs vascular expression and modulates angiogenesis pathways in vitro and in vivo

05.00 – 05.40pm **Plenary Talk by A/Prof. Kelly Smith**
A forward genetic approach to identifying new genetic regulators of cardiac development

05.40 – 06.00pm Prize celebrations

06.00pm Drinks

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