Program

9:00-9:25  **Registration**  
Basil-Hetzel Building Foyer, UniSA City East, Frome Road

9:25-9:30  **Welcome**  
Sarah Boyle and Sophie Wiszniak

9:30-10:30  **PLENARY 1**  
Chair: Quenten Schwarz  
**Assoc. Prof. Edwina McGlinn** – Australian Regenerative Medicine Institute,  
Monash University, Melbourne, Victoria  
*Upstream and downstream of Hox gene networks*

10:30-11:00  **Morning Tea and Posters**

11:00-12:15  **PostDoc Presentations Selected From Abstracts**  
Chairs: Jasreen Kular and Kelly Betterman

11:00-11:15  **Claire Wilson**  
*Caspase-2, a regulator of adipocyte biology and energy metabolism*

11:15-11:30  **Genevieve Secker**  
*The role of the Nedd4 ubiquitin ligase during lymphatic development*

11:30-11:45  **Gerard Tarulli**  
*Androgen Receptor Activation Promotes Luminal Differentiation in Mammary Epithelial Cells*

11:45-12:00  **Winnie Kan**  
*The sequential assembly of the IL-3 receptor determines signalling and functional output*

12:00-12:15  **Natalie Foot**  
*Arrdc4 is required for sperm maturation during epididymal transit*
12:15-1:30  Lunch / Poster Judging / Trade display

1:30-2:00  SPECIAL SYMPOSIUM  
Chair: Jantina Manning  
Dr. Guillermo Gomez – Centre for Cancer Biology, Adelaide, South Australia  
**Src-regulated rigid to liquid transition of adherens junctions supports tissue homeostasis by promoting epithelial topological transitions**

2:00-3:00  PLENARY 2  
Chair: Michael Samuel  
Prof. Fiona Watt – Centre for Stem Cells & Regenerative Medicine, King’s College London  
**Cell transition states in mammalian epidermis**

3:00-3:30  Afternoon Tea

3:30-5:00  Student Presentations Selected From Abstracts  
Chairs: Tanya Henshall and Drew Sutton

3:30-3:45  Emily Button  
**Analysis of transcription factor SIM2 variants present in patients with intellectual disabilities**

3:45-4:00  Rebecca Lehmann  
**Mesenchymal stem cell proliferation and neurogenesis are impaired by heparin sulphate from Mucopolysaccharidosis type IIIA**

4:00-4:15  Andrew Scott  
‘Non-Self’ mutations in a Drosophila model of expanded repeat neurodegenerative disease

4:15-4:30  Noralyn Mañucat-Tan  
**p75 neurotrophin receptor interacts with and promotes BACE1 localization in endosomes aggravating amyloidogenesis**

4:30-4:45  Ruby Moffat  
**Investigation of a second-hit mechanism for GATOR1-related focal epilepsy**

4:45-5:00  Kimberley Evans  
**Why is the bone marrow a hot-spot for myeloma plasma growth? There are Gremlins in the system**

5:00  Announcement of Awards  
Sarah Boyle and Sophie Wiszniaik  
Image Competition Sponsored by Zeiss
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