



## Symposium Program

*Timing and presentation titles are subject to change*

### Day 1: Monday 9 September 2019

9:00-9:15 **Opening Ceremony**  
Hernandes Carvalho (director FeSBE) and Silvio Tiziani (director External Strategy and Planning, Australian Regenerative Medicine Institute)

#### Session I: *Genetic and molecular control of development and organogenesis*

Chair: Lucia Elvira Alvares (Unicamp, Brazil)

9:15-9:45 ***“Telling a tale of tails: The Hox13 genes and the specification of the posterior vertebrae and tail in the zebrafish”***  
Miguel Allende (FONDAP Center for Genome Regulation (CGR), Universidad de Chile, Chile)

9:45-10:15 ***“Insights from Developmental Pathways on the Evolution of Snakelike phenotypes in Tetrapoda”***  
Tiana Kohlsdorf (University of Sao Paulo - Ribeirao Preto, Brazil)

10:15-10:45 ***“Deciphering the cardiac gene regulatory network”***  
Mirana Ramialison (Australian Regenerative Medicine Institute, Australia)

10:45-11:15 *Coffee Break*

11:15-11:45 ***“Elucidating the role of Fgfr4 in skeletal muscle development and metabolism”***  
Laura Galvis (Institut NeuroMyoGène, Université Claude Bernard, France and Australian Regenerative Medicine Institute, Australia)

11:45-12:15 ***“When the inhibitor also helps: Cactus/IκB protein function in Drosophila embryogenesis and immunity”***  
Helena Araujo (Federal University of Rio de Janeiro, Brazil)

12:15-12:45 ***“Effect of tRNA composition in ORF selection and proteostasis in Drosophila”***  
Alvaro Glavic (Universidad de Chile, Chile)

12:45-14:00 **Lunch**

#### Session II: *Nervous System development and regeneration*

Chair: Alvaro Glavic (Universidad de Chile, Chile)

14:00-14:30 ***“New insights on AP axis and neural induction”***  
Jose Garcia Abreu Junior (Federal University of Rio de Janeiro, Brazil)

14:30-15:00 ***“Pre and pos-transcriptional regulation of cSCRATCH2 gene expression in neural embryogenesis”***  
Irene Yan (University of Sao Paulo, Brazil)

15:00-15:30 *Coffee Break*

- 15:30-16:00 ***"Make do and make new: how zebrafish rapidly regenerates CNS injury"***  
Jan Kaslin (Australian Regenerative Medicine Institute, Australia)
- 16:00-16:30 ***"Cellular and Molecular Mechanisms of Zebrafish Spinal Cord Regeneration"***  
Hozana Castillo (Brazilian Biosciences National Laboratory (LNBio/CNPEM), Brazil)
- 17:00-18:00 **FeSBE Plenary Conference**  
***"Understanding skeletal muscle regeneration using zebrafish models"***  
Peter Currie (Australian Regenerative Medicine Institute, Australia)

## Day 2: Tuesday 10 September 2019

### Session III: *Stem Cells and disease*

**Chair: Laura Galvis (Institut NeuroMyoGène, France and Australian Regenerative Medicine Institute, Australia)**

- 9:00-9:30 ***"Can you model breast cancer using human induced pluripotent stem cells?"***  
Andrew Laslett (Australian Regenerative Medicine Institute and Commonwealth Scientific and Industrial Research Organisation, Australia)
- 9:30-10:00 ***"Challenges and opportunities for establishing a hiPSC Haplobank in Brazil"***  
Lygia V. Pereira (National Laboratory for Embryonic Stem Cell Research (LaNCE), University of Sao Paulo, Brazil)
- 10:00-10:30 ***"JAM-A is critical for HSC trafficking and maintenance of their quiescence in the stem cell niche"***  
Susie Nilsson (Australian Regenerative Medicine Institute and Commonwealth Scientific and Industrial Research Organisation, Australia)
- 10:30-11:00 *Coffee Break*
- 11:30-12:00 ***"iPSC: a powerful modeling tool to study diseases"***  
Bruno Torres (Brazilian Biosciences National Laboratory (LNBio/CNPEM), Brazil)
- 12:00-12:30 ***"The mechanism of early neurodevelopmental damage by the Zika virus"***  
José Xavier Neto (Federal University of Ceara (UFC), Brazil)
- 12:30-14:00 **Lunch**
- 14:00-15:30 **Poster Session**
- 15:30-15:45 **Poster Prize Announcement and Closing Remarks**