





EMBL Australia Postgraduate Symposium 2018 Programme

Translational Research Institute, Brisbane Australia

Wednesday 28th – Friday 30th November 2018


Wednesday 28th November 2018

14:00 – 15:00	Registration <i>Location: Auditorium entrance</i>
15:00 – 15:30	Welcome Address <i>Location: Auditorium</i> <ul style="list-style-type: none">- Jasmina Markulić – EAPS 2018 Chair- Prof. Josephine Forbes – Professorial Research Fellow & Program Leader of the Chronic Disease Biology and Care Research, Mater Research, Brisbane Sponsored by: Translational Research Institute  TRANSLATIONAL RESEARCH INSTITUTE AUSTRALIA
15:30 – 16:30	Keynote Address <i>Location: Auditorium</i> <ul style="list-style-type: none">- Prof. Ian Frazer – Chair of the TRI Foundation Board & Program Leader of the Cancer Immunology Program at the University of Queensland Diamantina Institute, Brisbane Sponsored by: QIMR Berghofer Medical Research Institute  QIMR Berghofer Medical Research Institute THE FUTURE OF HEALTH
16:30 – 17:00	Student Oral Presentations – Translational & Clinical <i>Location: Auditorium</i> <ul style="list-style-type: none">- Henriette Dohnt – QIMR Berghofer Medical Research Institute The growing gap in education: Using quantile regression to identify genetic and environmental sources- Sherouk Fouda – RMIT University Does cigarette smoking exacerbate high-fat induced hepatosteatosis to NASH in C57BL/6J mice- Lawrence Liew – Ear Science Institute Australia, University of Western Australia Tympanic membrane derived stem cell-like culture for tissue regeneration

<p>17:00 – 18:00</p>	<p>Science & Society Panel <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - A/Prof. Tracy Ainsworth – Scientia Fellow, University of New South Wales, Sydney - A/Prof. Cedric Bardy – Senior Research Fellow & Group Leader of the Laboratory for Human Neurophysiology and Genetics, South Australian Health & Medical Research Institute, Adelaide - Dr. Lynn Fink – Director of Research, BGI Australia, Brisbane - Prof. Josephine Forbes – Professorial Research Fellow & Program Leader of the Chronic Disease Biology and Care Research, Mater Research, Brisbane - Prof. Ian Frazer – Chair of the TRI Foundation Board & Program Leader of the Cancer Immunology Program at the University of Queensland Diamantina Institute, Brisbane - A/Prof. Lutz Krause – Principal Research Fellow, The University of Queensland Diamantina Institute, Brisbane <p>Sponsored by: Charles Sturt University</p> 
<p>18:00 – 20:00</p>	<p>Welcome Reception <i>Location: Atrium</i></p> <p>Sponsored by: CSL Limited</p> 

Thursday 29th November 2018


<p>09:00 – 10:00</p>	<p>Plenary Address – Oncology <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Dr. C. Glenn Begley – Chief Executive Officer of BioCurate Pty Ltd, Melbourne <p>Sponsored by: Monash Biomedicine Discovery Institute</p>  
<p>10:00 – 10:30</p>	<p>Student Oral Presentations – Oncology</p>

	<p><i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Stefan Bader – Olivia Newton-John Cancer Research Institute, La Trobe University - Monash Institute of Pharmaceutical Sciences, Monash University - ARC Centre for Excellence in Bio-Nano Science Anti-metastasis therapy via nanoparticle mediated drug delivery - Denise Heckmann – The Walter and Eliza Hall Institute of Medical Research Combining forces to treat cancer: how inhibiting the MAPK p38 increases cell death in Smac mimetic-treated leukemic cells - Ming-Jie Luo – The Walter and Eliza Hall Institute of Medical Research Advancing BH3 mimetics for treating non-hematological cancers
10:30 – 11:00	<p>Morning Tea <i>Location: Atrium</i></p>
11:00 – 12:00	<p>Plenary Address – Neurobiology <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - A/Prof. Cedric Bardy – Senior Research Fellow & Group Leader of the Laboratory for Human Neurophysiology and Genetics, South Australian Health & Medical Research Institute, Adelaide <p>Sponsored by: South Australian Health & Medical Research Institute</p> 
12:00 – 12:30	<p>Student Oral Presentations – Neurobiology <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Priscila Lima – The University of Queensland Addressing Unmet Therapeutic Needs in Oncology: Perineural Disease - Belal Shohayeb – The University of Queensland The microcephaly gene wd40-repeat protein 62 (wdr62) has a role in cilia regulation in embryonic mice brains - Sunyuan Zhang – The University of Melbourne The ataxin-1 interactome reveals direct connection with multiple disrupted nuclear transport pathways
12:30 – 13:30	<p>Student Lightning Talks <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Session 1 <p>Sponsored by: Australian National University – Research School of Biology</p> 
13:30 – 15:00	<p>Lunch & Student Poster Presentations <i>Location: Room 2003 + 2004</i></p>

	<ul style="list-style-type: none"> - Poster Session A <p>Sponsored by: Macrogen</p> 
<p>15:00 – 16:00</p>	<p>Plenary Address – Bioinformatics <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Dr. Kim-Anh Lê Cao – NMHRC Career Development Fellow & Senior Lecturer, University of Melbourne, Melbourne <p>Sponsored by: University of Melbourne - Faculty of Medicine, Dentistry and Health Sciences</p>
<p>16:00 – 16:30</p>	<p>Student Oral Presentations – Bioinformatics <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Jose Alquicira – Garvan Institute of Medical Research scPred: Single cell type prediction using singular value decomposition and machine learning method - Cristina Fortuno – QIMR Berghofer Medical Research Institute A quantitative model to predict pathogenicity of p53 missense variants - Jamila Iqbal – Griffith University Cytological Profiling with Human Olfactory Neurosphere-derived cells
<p>18:30 – 23:30</p>	<p>Symposium Dinner <i>Location: Rydges Hotel</i></p> <p>Sponsored by: Australian Regenerative Medicine Institute</p> 

Friday 30th November 2018

09:00 – 10:00

	<p>Plenary Address – Ecology <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - A/Prof. Tracy Ainsworth – Scientia Fellow, University of New South Wales, Sydney <p>Sponsored by: University of Sydney – Faculty of Science</p>  <p>THE UNIVERSITY OF SYDNEY</p>
<p>10:00 – 10:30</p>	<p>Student Oral Presentations – Ecology <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Melissa Pappas – University of New South Wales The stability of the giant clam holobiont over time and during bleaching stress - Caitlin Romanis – University of Newcastle Annual variation in bloom-forming <i>Microcystis</i> genotypes from an Australian wastewater lagoon - Timothy Stephens – The University of Queensland Understanding cold adaptation and evolutionary transition to symbiosis in dinoflagellates using genomics approaches
<p>10:30 – 11:00</p>	<p>Morning Tea <i>Location: Atrium</i></p>
<p>11:00 – 12:00</p>	<p>Plenary Address – Genetics & Cell Biology <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - A/ Prof. Natalie Sims – Deputy Director & Head of the Bone Cell Biology & Disease Unit, St Vincent’s Institute of Medical Research, Melbourne <p>Sponsored by: St Vincent’s Institute of Medical Research</p>  <p>ST VINCENT’S INSTITUTE MEDICAL RESEARCH</p>
<p>12:00 – 12:30</p>	<p>Student Oral Presentations – Genetics & Cell Biology <i>Location: Auditorium</i></p> <ul style="list-style-type: none"> - Mischa Lundberg – Diamantina Institute, The University of Queensland Detecting transposable element insertions from whole genome and targeted sequencing data - Gayathri Thillaiyampalam – The University of Queensland Developing a systems-based analysis of miRNA target networks - Sofiya Tsimbalyuk – Charles Sturt University Structural basis for importin alpha 3 specificity of W proteins in Hendra and Nipah viruses
<p>12:30 – 13:30</p>	<p>Student Lightning Talks <i>Location: Auditorium</i></p>

- Session 2

Sponsored by: Abcam



13:30 – 15:00

Lunch & Student Poster Presentations

Location: Room 2003 + 2004

- Poster Session B

Sponsored by: Illumina



15:00 – 16:00

Plenary Address – Immunology & Virology

Location: Auditorium

- **Prof. Jenny Martin** – Director & Principal Research Leader at the Griffith Institute for Drug Discovery, Brisbane

Sponsored by: University of Wollongong, Faculty of Science, Medicine and Health



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16:00 – 16:30

Student Oral Presentations – Immunology & Virology

Location: Auditorium

- **Amlan Chakraborty** – Monash University
Effect of a Small Natural Dietary Compound on Lung Pathology in Acute Airway Inflammation
- **Minnie Jacob** – King Faisal Specialist Hospital and Research Centre, James Cook University
Quantitative Biomarker profiling in DOCK8 deficiency and atopic dermatitis patients
- **Harrison Madge** – The University of Queensland
Cyclic Multicomponent Lipopeptide Vaccine Candidates Against Group A Streptococcus (GAS)

16:30 – 17:00

Awards Presentation & Closing Address

Location: Auditorium

- **Jasmina Markulić** – EAPS 2018 Chair

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