

MONDAY  
4 DECEMBER

18:00 **ANS Welcome Drinks**  
Monday, 4 December 6PM - 7PM  
Foyer/Studio, W Brisbane  
Registration required

TUESDAY 5 DECEMBER

7:15 Foyer **Registration Desk Opens**

7:15 TBC - Please **Integrated Sciences & Vizgen Breakfast Workshop**  
Registration required (TBA)

8:45 Great Room 1/2/3 **Welcome to Country**  
**Conference Open**

9:00 Great Room 1/2/3 **Elsbeth McLachlan Plenary Lecture**  
**Prof Marcello Rosa**, Monash University  
Chair: Dr Nafiseh Atapour (Monash)

10:00 Foyer/Studio 1/2/3/4 **Morning Tea, Exhibition and Poster Display**

	Great Room 1	Great Room 2		Great Room 3
	<b>Symposium 1: Unexpected mechanisms of experience-dependent plasticity across the lifespan</b> Chair: <a href="#">Prof Timothy Bredy</a> (University of Queensland)	<b>Symposium 2: Navigating the neuro-vascular interactions in health and disease</b> Chairs: <a href="#">A/Prof Matilde Balbi</a> (Queensland Brain Institute) and <a href="#">Assoc Prof Laura Jacobson-Hoyer</a> (The Florey Institute of Neuroscience and Mental Health)		<b>Selected Orals 1: Neurodevelopment</b> Chairs: Associate Professor Rodrigo Suarez (University of Queensland) & Dr Dylan Black (University of Queensland)
10:30	<b>The role of the Cer1 transposon in horizontal transfer of transgenerational memory</b> <a href="#">Renee Seto</a> , Princeton University	<b>Microglia interactions with pericytes, implications for cerebral blood flow in health and disease</b> <a href="#">A/Prof Brad Sutherland</a> , University of Tasmania	10:30	<b>Organelle mapping in dendrites of human iPSC-derived neurons reveals dynamic functional dendritic Golgi structures</b> <a href="#">Jingqi Wang</a> , University of Melbourne
10:55	<b>H2A.B: A new epigenetic player that controls the consolidation of long-term memory</b> <a href="#">Dr Shaam Al Abed</a> , Australian National University	<b>Brain pericytes and perivascular fibroblasts are stromal progenitors with dual functions in cerebrovascular regeneration after stroke</b> <a href="#">Dr Louis-Philippe Bernier</a> , University of British Columbia	10:45	<b>Mobile DNA activity enriches neuronal transcriptome diversity</b> <a href="#">Gabriela O. Bodea</a> , Queensland Brain Institute, University of Queensland
11:20	<b>Understanding the m6A-epitranscriptomic regulation in neuronal functions and dysfunctions</b> <a href="#">Dr Jocelyn Widagdo</a> , Queensland Brain Institute	<b>Longitudinal monitoring of mesoscale calcium activity and hippocampal electrophysiological recordings in a mouse model of small vessel disease</b> <a href="#">Phoebe Mayne</a> , Queensland Brain Institute	11:00	<b>Stem cell therapy for Hirschsprung disease</b> <a href="#">Lincon Stamp</a> , University of Melbourne, The Florey Institute of Neuroscience and Mental Health
11:45	<b>DNA G-quadruplex is a transcriptional control device that regulates memory</b> <a href="#">Dr Paul Marshall</a> , Australian National University	<b>Plasmalogen supplementation attenuates doxorubicin-induced cognitive impairment and neurodegenerative changes in mice</b> <a href="#">Dr Virginie Lam</a> , Curtin University	11:15	<b>Deficiency in NCAM2 results in reduced BACE1 activity, affects axonal organization in the hippocampus and leads to behavioral deficits</b> <a href="#">Ryan Keable</a> , University of New South Wales
12:10	<b>Data Blitz:</b> <a href="#">Xiaoying Cui</a> (The University of Queensland, Queensland Centre for Mental Health Research), <a href="#">Paul J Lockhart</a> (Murdoch Childrens Research Institute, University of Melbourne), <a href="#">Abdulhameed Bosakhar</a> (RMIT University), <a href="#">Bao Ngoc Tran</a> (University of Tasmania)	<b>Data Blitz:</b> <a href="#">Gerhard Leinenga</a> (The University of Queensland), <a href="#">Elizabeth Kalotay</a> (University of New South Wales), <a href="#">Emily Willis</a> (The University of Queensland), Huan Liao (Florey Institute of Neuroscience and Mental Health)	11:30	<b>Subventricular zone cells lack competency to produce neurons in a developing marsupial cortex</b> <a href="#">Evan J Bailey</a> , Queensland Brain Institute, The University of Queensland
			11:45	<b>An introgressed neanderthal genetic variant within the MIR137HG locus impairs human cell migration and neuron differentiation.</b> <a href="#">Alexandre S. Cristino</a> , Griffith University
			12:00	<b>Enrichment drives targeted microglial-engulfment of mis-mapped retinal inputs in a narrow postnatal time-window.</b> <a href="#">Lara Rogerson-Wood</a> , The University of Sydney
			12:15	<b>Tapping into mechanisms of resilience in the treatment of stress-induced anxiety disorder</b> <a href="#">Dhanisha Jhaveri</a> , Queensland Brain Institute, Mater Research Institute, The University of Queensland

12:30 Foyer/Studio 1/2/3/4 **Lunch, Exhibition and Poster Display**

12:30 Great Room 1 **Brain Bee Final**

Great Room 1		Great Room 2		Great Room 3	
<b>Symposium 3: Toxicity and axonal degeneration: Mechanisms and biomarkers</b> Chair: <a href="#">Prof Matthew Kiernan</a> (University of Sydney)		<b>Symposium 4: Following your guts: Advances in enteric nervous system research</b> Chairs: <a href="#">Dr Lincon Stamp</a> and <a href="#">Dr Marlene Hao</a> (University of Melbourne) <i>Sponsored by University of Melbourne</i>		<b>Selected Orals 2: Excitability</b> Chairs: Dr Nela Durisic (University of Queensland) & Dr Rachel Gormal (University of Queensland)	
13:30	<b>Understanding axon pathology and degeneration in neurodegenerative disease</b> <a href="#">Prof Anna King</a> , Wicking Dementia Research and Education Centre, University of Tasmania	<b>hPSC-derived enteric ganglioids for the study of GI motility disorders</b> <a href="#">A/Prof Faranak Fattahi</a> , University of California, San Francisco		13:30	<b>Alpha-synuclein as a regulator of SNARE protein trafficking</b> <a href="#">Sarah Gordon</a> , Florey Institute of Neuroscience and Mental Health
13:55	<b>A druggable pathway of programmed axon death as a driver of environmental neurotoxicity and toxic neuropathies</b> <a href="#">Dr Andrea Loreto</a> , University of Cambridge	<b>The Enteric Nervous System in disease: how much do we really know?</b> <a href="#">Prof Nikhil Thapar</a> , The University of Queensland, Queensland University of Technology		13:45	<b>Distinct amygdala to prefrontal connectivity drives fear memory consolidation</b> <a href="#">Matthew Kenna</a> , Queensland Brain Institute
14:20	<b>Macrophage-derived interleukin-1<math>\beta</math> is both necessary and sufficient for vincristine-induced peripheral neuropathy</b> <a href="#">Prof Irina Vetter</a> , The University of Queensland	<b>The Gut and Parkinson's Disease</b> <a href="#">Dr Shanti Diwakarla</a> , University of Melbourne		14:00	<b>What makes a memory? Identifying the molecules that boost learning and memory formation.</b> <a href="#">Yee Lian Chew</a> , Flinders University
14:45	<b>Axonal degeneration in paclitaxel-induced peripheral neuropathy: genetic, neurophysiological and serum biomarkers</b> <a href="#">A/Prof Susanna Park</a> , University of Sydney	<b>Identifying the functional role of intrinsic sensory neurons in the enteric nervous system using neurogenetic technology</b> <a href="#">Prof Nick Spencer</a> , Flinders University		14:15	<b>Development of venom peptides for <i>in vivo</i> target validation of acid-sensing ion channel 1 in neurodegenerative diseases.</b> <a href="#">Lachlan Rash</a> , University of Queensland
15:10	<b>Data Blitz:</b> <a href="#">Kushan Gandhi</a> (University of Otago), <a href="#">Neha Satish Kumar</a> (Monash University), <a href="#">Montana Samantzis</a> (Queensland Brain Institute), <a href="#">Aishwarya Mary Johnson</a> (QUT)	<b>Data Blitz:</b> <a href="#">Tanya S McDonald</a> (The University of Queensland), <a href="#">Wendy Qin</a> (University of Melbourne, Florey Institute of Neuroscience and Mental Health), <a href="#">Brendan McCarthy</a> (The University of Melbourne, Baker Heart and Diabetes Institute), <a href="#">Eduardo Albornoz Balmaceda</a> (The University of Queensland)		14:30	<b>Engineering Functional Sensory Neuron Networks through 3D Bioprinting of Neural Crest Cells</b> <a href="#">Mitchell St Clair-Glover</a> , University of Wollongong, Illawarra Health and Medical Research Institute, School of Medical, Indigenous and Health Sciences, Molecular Horizons, ARC Centre of Excellence for Electromaterials Science, Intelligent Polymer Research Institute, Australian National Fabrication Facility, Materials Node
15:30	Foyer/Studio 1/2/3/4	Afternoon Tea, Exhibition and Poster Display		14:45	<b>The microtubule-associated protein Tau controls the homeostasis of NMDA receptors</b> <a href="#">Xuan Ling Hilary Yong</a> , Clem Jones Centre for Ageing Dementia Research, Queensland Brain Institute, The University of Queensland
16:00	Great Room 1/2/3	<b>AW Campbell Award Presentation</b> Chair: Professor Janet Keast (The University of Melbourne)		15:00	<b>Dendritic potassium channels suppress active dendritic integration and quicken action potentials in human frontal and occipital cortical layer 2/3 pyramidal neurons.</b> <a href="#">Lee N Fletcher</a> , Queensland Brain Institute, The University of Queensland
16:25	Great Room 1/2/3	<b>Nina Kondelos Award Presentation</b> Chair: Professor Anthony Hannan (Florey Institute of Neuroscience and Mental Health, University of Melbourne)		15:15	<b>Synapsin2a tetramerization selectively controls the presynaptic nanoscale organisation of reserve synaptic vesicles.</b> <a href="#">Shanley F Longfield</a> , Queensland Brain Institute
16:50	Great Room 1/2/3	<b>illumina Neurogenomic Award Presentation</b> <i>The Epigenome of olfactory neural stem cells derived from early-onset schizophrenia Patients</i> <a href="#">Dr Alex Cristino</a> , Griffith Institute for Drug Discovery			
17:00	Great Room 1/2/3	<b>International Plenary Lecture</b> <a href="#">A/Prof Saul Villeda</a> , University of California, San Francisco Chair: Dr Tara Walker (University of Queensland)			

8:15	Foyer	Registration Desk Open		
9:00	Great Room 1/2/3	<b>Lawrie Austin Plenary Lecture</b> <b>Prof Elizabeth Coulson</b> , The University of Queensland Chair: Associate Professor Jana Vukovic (The University of Queensland)		
10:00	Foyer/Studio 1/2/3/4	Morning Tea, Exhibition and Poster Display		
	Great Room 1	Great Room 2		Great Room 3
	<b>Symposium 5: Neuroplasticity in health and disease</b> Chairs: <a href="#">Dr John Power</a> and <a href="#">Dr Joanna Yau</a> (University of New South Wales)	<b>Symposium 6: Exploring the link between viral infections and neurodegeneration</b> Chairs: <a href="#">Dr Merja Joensuu</a> (Australian Institute for Bioengineering and Nanotechnology, and Queensland Brain Institute, The University of Queensland) and <a href="#">Dr Pranesh Padmanabhan</a> (Clem Jones Centre for Ageing Dementia Research, Queensland Brain Institute)		<b>Selected Orals 3: Cognitive/Computation/Sensory</b> Chairs: Professor Bruno van Swinderen (University of Queensland) and Associate Professor Lyndsey Collins-Praino (University of Adelaide)
10:30	<b>Instrumental aversion coding in the basolateral amygdala</b> <a href="#">Prof Gaven McNally</a> , University of New South Wales	<b>The mechanisms of SARS-CoV-2 neuron infection</b> <a href="#">Adj Prof Giuseppe Balistreri</a> , University of Helsinki	10:30	<b>Dendritic and somatic representations of spatial navigation in mouse retrosplenial cortex revealed by head mounted 2-photon imaging</b> <a href="#">Tristan Chaplin</a> , School of Human Sciences, UWA, Sainsbury Wellcome Centre, UCL, Dept of Physiology, Monash University
10:55	<b>The role of plasticity in disorders of the central and peripheral nervous systems</b> <a href="#">Prof Johanna Montgomery</a> , University of Auckland	<b>Senolytic therapy alleviates physiological human brain aging and COVID-19 neuropathology</b> <a href="#">Dr Julio Aguado</a> , Australian Institute for Bioengineering and Nanotechnology, The University of Queensland	10:45	<b>A Multimodal Comparative Study of the Development of the Olfactory Projection in <i>Mus musculus</i> and <i>Octodon degus</i> with Enhanced Ultra-high Resolution microCT</b> <a href="#">Daniel Amaya</a> , Max Planck Research Unit for Neurogenetics
11:20	<b>Synaptic architecture of remote memory recall</b> <a href="#">A/Prof Jai Polepalli</a> , National University of Singapore	<b>Viral infections and the brain: implications for Parkinson's disease</b> <a href="#">Prof Trent Woodruff</a> , The University of Queensland	11:00	<b>Uncovering new trafficking routes in axons</b> <a href="#">Macarena Pavez</a> , University of Otago
11:45	<b>A novel hypothalamic-midbrain circuit for model-based learning and its implications for substance use disorder</b> <a href="#">Dr Melissa Sharpe</a> , University of California	<b>Predicting the neurological impact of SARS-CoV-2 Variants of Concern</b> <a href="#">Dr Victoria Lawson</a> , University of Melbourne	11:15	<b>Locating causal hubs of memory consolidation in spontaneous brain network in rodents</b> <a href="#">Zengmin Li</a> , School of Biomedical Sciences, The University of Queensland, Queensland Brain Institute
12:10	<b>Data Blitz:</b> <a href="#">Barbora Fulopova</a> (University of Tasmania, The University of Queensland), <a href="#">Marcin Kielar</a> (The University of Queensland), <a href="#">Nishita Bhembre</a> (University of Queensland), <a href="#">Courteney M Westlake</a> (Univerisity of Otago)	<b>Data Blitz:</b> <a href="#">Frank Mobilio</a> (The University of Melbourne), <a href="#">Merja Joensuu</a> (The University of Queensland), <a href="#">Kay Double</a> (The University of Sydney), <a href="#">Sean Coakley</a> (The University of Queensland)	11:30	<b>Mapping predictions in the fly brain</b> <a href="#">Dinis Gokaydin</a> , University of Queensland
			11:45	<b>Transthalamic pathways to higher order cortex contribute to choice activity during perception</b> <a href="#">Christina Mo</a> , The Florey Institute, University of Melbourne
			12:00	<b>Sleep disrupts odor value processing in <i>Drosophila</i>.</b> <a href="#">Leonie Kirszenblat</a> , Riken Center for Brain Science
			12:15	
12:30	Foyer/Studio 1/2/3/4	Lunch, Exhibition and Poster Display		

Great Room 1		Great Room 2		Great Room 3	
Symposium 7: Risk, uncertainty and reward: Understanding the computational and neural mechanisms of decision making in health and disease Chair: <a href="#">Prof Jason Mattingley</a> (The University of Queensland)		Symposium 8: Advances in glutamate AMPA receptor regulation in health and disease: Exploring novel mechanisms Chairs: <a href="#">A/Prof Victor Anggono</a> and <a href="#">Hilary Yong</a> Clem Jones Centre for Ageing Dementia Research, Queensland Brain Institute, The University of Queensland		Selected Orals 4: Neurodegeneration Chairs: Chairs <a href="#">Dr Eduardo Albornoz Balmaceda</a> (University of Queensland) and Associate Professor <a href="#">Peter Crack</a> (University of Melbourne)	
13:30	<b>Risk attitude with a backward-looking reference point</b> <a href="#">Prof Agnieszka Tymula</a> , University of Sydney	<b>The neural cell adhesion molecule 2 (NCAM2) regulates the assembly and synaptic targeting of calcium-permeable AMPA receptors</b> <a href="#">A/Prof Vladimir Sytnyk</a> , University of New South Wales		13:30	<b>Liver-derived exercise blood factor Gpld1 rescues cognition by targeting the brain vasculature in aging and Alzheimer's disease</b> <a href="#">Gregor Bieri</a> , Anatomy, University of California San Francisco
13:55	<b>Neural correlates of computational complexity</b> <a href="#">Prof Carsten Murawski</a> , University of Melbourne	<b>Glutamate receptor remodelling by the memory-enhancing molecule sAPP<math>\alpha</math>, scrutinised with super-resolution microscopy</b> <a href="#">A/Prof Joanna Williams</a> , University of Otago		13:45	<b>A transient, post-transcriptional, chaperone response may protect neurons in the early stage of TDP-43-mediated disease</b> <a href="#">Rebecca San Gil</a> , Queensland Brain Institute, The University of Queensland
14:20	<b>Striatal neuroinflammation impairs goal-directed decision-making via dysregulation of astrocytic function in a regionally specific manner</b> <a href="#">Dr Laura Bradfield</a> , University of Technology, Sydney	<b>Protein kinases, tau phosphorylation and Alzheimer's disease: New insights on AMPA receptor regulation</b> <a href="#">Dr Arne Iltner</a> , Flinders University		14:00	<b>Alpha Synuclein and Immune Interactions in Parkinson's Disease Ontogenesis</b> <a href="#">Rebekah G Parkinson</a> , John Curtin School of Medical Research, Australian National University, Queensland Brain Institute, University of Queensland
14:45	<b>Neural mechanisms of integrated decision making</b> <a href="#">Dr Dragan Rangelov</a> , The University of Queensland	<b>Copine-6 is a calcium sensor that mediates AMPA receptor exocytosis during synaptic potentiation</b> <a href="#">Dr Jing Zhi Anson Tan</a> , Clem Jones Centre for Ageing Dementia Research Queensland Brain Institute, The University of Queensland		14:15	<b>Exploring ultrasound as a novel treatment modality in mice and humans</b> <a href="#">Jürgen Götz</a> , University of Queensland, Queensland Brain Institute, Clem Jones Centre for Ageing Dementia Research
15:10	<b>Data Blitz:</b> <a href="#">Laura M Kimble</a> (University of Queensland), <a href="#">Joanita F D'Souza</a> (Monash University), <a href="#">Hoi Ming Ken Yip</a> (Monash University), <a href="#">Brett Kagan</a> (Cortical Labs)	<b>Data Blitz:</b> <a href="#">Eleanor Drummond</a> (University of Sydney), <a href="#">Miaomiao Mao</a> (Florey Institute of Neuroscience and Mental Health), <a href="#">Lauren E Bleakley</a> (Florey Institute of Neuroscience and Mental Health)		14:30	<b>Type I interferon response propagates TDP-43 pathogenesis in ALS/MND</b> <a href="#">Pawat Laohamonthonkul</a> , The Florey Institute of Neuroscience and Mental Health, The University of Melbourne
15:30	Foyer/Studio 1/2/3/4	Afternoon Tea, Exhibition and Poster Display		14:45	<b>Multiple sclerosis-associated gene variants produce motor dysfunction when introduced into C57BL/6 mice</b> <a href="#">Alastair J Fortune</a> , Menzies Institute for Medical Research, University of Tasmania
16:00	Great Room 1/2/3	<b>ANS Plenary Lecture - Sponsored by Queensland Brain Institute, University of Queensland</b> <a href="#">Prof Michael Breakspear</a> , University of Newcastle Chair: Professor Thomas Burne (University of Queensland)		15:00	<b>BDNF-dependent modulation of axonal transport is selectively impaired in Motor Neuron Disease</b> <a href="#">Andrew P Tosolini</a> , Department of Neuromuscular Disorders, University College London
17:00	TBC	<b>ANS Annual General Meeting &amp; Tribute to Alan Mackay-Sim</b>		15:15	<b>Openness Agreements in Animal Research: a new era of transparency</b> <a href="#">Kay Double</a> , University of Sydney
18:00	Foyer	<b>ANS Student-EMCR Networking Event</b> Registration required			
19:00	WET Deck	<b>ANS Party</b> SUN & WET Decks, W Brisbane Registration required <i>Dinner Entertainment sponsored by Queensland Brain Institute, University of Queensland</i>			

8:45	Foyer	Registration Desk Open		
9:00	TBC	Equity and Diversity Panel Session		
10:00	Foyer/Studio 1/2/3/4	Morning Tea, Exhibition and Poster Display		
	Great Room 1	Great Room 2		Great Room 3
	<p><b>Symposium 9: On their shoulders: Australian neuroscience pioneers</b>                      Chairs: <u>Prof Marcello Costa</u> (Flinders University) and <u>Prof Elspeth McLachlan</u> (University of New South Wales &amp; Neuroscience Research Australia)</p>	<p><b>Selected Orals 5: Neurodegeneration</b>                      Chairs: Professor Lezanne Ooi (University of Wollongong) and Associate Professor Bradley Sutherland (University of Tasmania)</p>		<p><b>Selected Orals 6: Autonomic/Gial/Limbic</b>                      Chairs: Autonomic/Glial/Limbic – Dr Jenna Ziebell (University of Tasmania) and Dr Carlie Cullen (University of Queensland)</p>
10:30	<p><b>Australasian women neuroscientists</b>  <u>Prof Glenda Halliday</u>, University of Sydney</p>	<p><b>10:30 Protecting Motor Function Through the Stimulation of IL-6 Signalling Following Traumatic Brain Injury.</b>  <u>Max F.J Dierich</u>, School of Biomedical Sciences, University of Queensland</p>	10:30	<p><b>The role of basal forebrain cell types in classical conditioning</b>  <u>Balazs Hangya</u>, Institute of Experimental Medicine, Budapest</p>
10:55	<p><b>Pioneering Australasian assaults on the neuroscience mountains of knowledge</b>  <u>Prof John Furness</u>, University of Melbourne</p>	<p><b>10:45 Plasma lipid profiles on admission and one month after mild traumatic brain injury: results from a community cohort</b>  <u>Sarah C Hellewell</u>, Curtin Health Innovation Research Institute, Curtin University, Perron Institute for Neurological and Translational Science</p>	10:45	<p><b>Defining the regional heterogeneity of resident immune cells within the healthy central nervous system and its bordering tissues</b>  <u>Samantha J Dando</u>, Centre for Immunology and Infection Control, School of Biomedical Sciences, Queensland University of Technology</p>
11:20	<p><b>Lithium treatment for mania: John Cade’s discovery re-interpreted</b>  <u>Prof William Blessing</u>, Flinders University</p>	<p><b>11:00 Are Oligodendrocytes An Under-Appreciated Therapeutic Target in ALS?</b>  <u>Katherine Lewis</u>, The Florey Institute</p>	11:00	<p><b>Single-cell and spatial analysis of astrocytes in the human brain: understanding stress and psychiatric disorders</b>  <u>Dominic Kaul</u>, School of Chemistry and Molecular Bioscience and Molecular Horizons, University of Wollongong</p>
11:45	<p><b>Raymond Dart’s paradigm shift on the evolution of the human brain</b>  <u>Prof Laurie Geffen</u>, The University of Queensland</p>	<p><b>11:15 Axons eject damaged mitochondria in response to mitochondrial DNA damage</b>  <u>Tessa Onraet</u>, Queensland Brain Institute, The University of Queensland</p>	11:15	<p><b>Alteration of protein synthesis in dementia-related pathologies</b>  <u>Liviu-Gabriel Bodea</u>, Clem Jones Centre for Ageing Dementia Research (CJCADR), Queensland Brain Institute (QBI), The University of Queensland</p>
		<p><b>11:30 Induced gamma oscillations facilitate functional synaptic plasticity acutely after stroke</b>  <u>Matilde Balbi</u>, Queensland Brain Institute, The University of Queensland</p>	11:30	<p><b>Vagal Nerve Stimulation, Interoception, and Anxiety: Insights from Nucleus of the Solitary Tract (NTS) Activation in Rodents.</b>  <u>Andrew G Butler</u>, Department of Anatomy and Physiology, University of Melbourne, Florey Institute of Neuroscience and Mental Health</p>
		<p><b>11:45 A molecular switch in the skin protects the axons from degenerating</b>  <u>Igor Bonacossa-Pereira</u>, Queensland Brain Institute, The University of Queensland</p>	11:45	<p><b>Exclusive regulation of specific hippocampal inhibitory synapses by distinct subtypes of astrocytes</b>  <u>Darren Clarke</u>, Département de Neurosciences, Faculté de Médecine, Groupe de recherche sur la signalisation neurale et la circuitrie, Université de Montréal</p>
		<p><b>12:00 Autophagy decreases in the ageing mouse brain in a sex dependent manner</b>  <u>Tim Sargeant</u>, South Australian Health and Medical Research Institute</p>	12:00	<p><b>Unveiling the Complexity of Gut-Brain Interactions: Microbiome-Brain Communication and Internalizing Symptoms in Youth</b>  <u>Bridget Callaghan</u>, University of California Los Angeles</p>
12:15	Foyer/Studio 1/2/3/4	Lunch, Exhibition and Poster Display		



Great Room 1		Great Room 2		Great Room 3	
<b>Symposium 10: ADNF Symposium: Development of cortical neurons and networks</b> Chairs: <a href="#">Dr Nathalie Dehorter</a> (The University of Queensland) and <a href="#">A/Prof Silvia Velasco</a> (Murdoch Children's Research Institute) <i>Sponsored by Harvard Bioscience</i>		<b>Symposium 11: From flies to Fitbits: the new neuroscience of sleep</b> Chairs: <a href="#">A/Prof Sarah Cohen-Woods</a> (Flinders University) and <a href="#">Dr Heidi Walkden</a> (EMCR Brain Science Network)		<b>Selected Orals 7: Neurology/Psychiatry</b> Chairs: Professor <a href="#">Pankaj Sah</a> (University of Queensland) and Dr <a href="#">Roger Marek</a> (University of Queensland)	
13:00	<b>What shapes our brain? Understanding the processes that drive cortical folding</b> <a href="#">A/Prof Mary Tolcos</a> , RMIT University	<b>The effects of mild sleep restriction on behavioural and neural correlates of vigilant attention</b> <a href="#">A/Prof Deborah Apthorp</a> , University of New England		13:00	<b>Paternal gut microbiota depletion impacts offspring physiology and affective behaviours</b> <a href="#">Bethany A Masson</a> , The Florey Institute of Neuroscience and Mental Health
13:25	<b>Shared and divergent timings of neurodevelopmental dynamics shape the brains of placental and marsupial mammals</b> <a href="#">Dr Annalisa Paolino</a> , The University of Queensland	<b>New and Emerging Approaches for Monitoring the Sleeping Brain</b> <a href="#">Dr Hannah Scott</a> , Flinders University		13:15	<b>Olfactory glial bridge transplantation for repairing traumatic spinal cord injury in humans – progress towards a Phase I clinical trial</b> <a href="#">James St John</a> , Menzies Health Institute Queensland, Clem Jones Centre for Neurobiology and Stem Cell Research, Griffith University, Griffith Institute for Drug Discovery
13:50	<b>Temporal controls over neuronal diversity in the developing brain</b> <a href="#">Prof Denis Jabaudon</a> , University of Geneva <i>(Zoom presentation)</i>	<b>Modulating sleep/wakefulness architecture to tackle neurodegenerative disorders: studies in tau transgenic mice</b> <a href="#">A/Prof Laura Jacobson</a> , Florey Institute of Neuroscience and Mental Health, University of Melbourne		13:30	<b>Diverting endogenous neural stem cells from the subventricular zone with a self-assembling b-peptide hydrogel in traumatic brain injury.</b> <a href="#">Hui Xin Tan</a> , Department of Biochemistry and Pharmacology, Bio21 Institute, University of Melbourne
14:15	<b>BDNF regulates Wave Regulatory Complex nanodynamics and actin remodelling in spines</b> <a href="#">Dr Belal Shohayeb</a> , The University of Queensland	<b>Conservation of sleep functions through evolution</b> <a href="#">Prof Bruno van Swinderen</a> , Queensland Brain Institute, The University of Queensland		13:45	<b>Exercise reduces incubation of craving for alcohol-associated cues.</b> <a href="#">Christina J Perry</a> , School of Psychological Sciences, Macquarie University
14:40	<b>Data Blitz:</b> <a href="#">Jamila Iqbal</a> (Griffith University), <a href="#">Nafiseh Atapour</a> (Monash University), <a href="#">Darryl Eyles</a> (University of Queensland, Queensland Centre for Mental Health Research)	<b>Data Blitz:</b> <a href="#">James P Kesby</a> (Queensland Brain Institute, Queensland Centre for Mental Health Research), <a href="#">Wei Qin</a> (The University of Melbourne), <a href="#">Ishara Paranawithana</a> (Monash University), <a href="#">Madhusoothanan Bhagavathi Perumal</a> (Australian National University)		14:00	<b>Controlling stem cell quiescence for therapeutic gain in brain cancer.</b> <a href="#">Lachlan Harris</a> , Queensland Institute of Medical Research Berghofer
15:00	Foyer/Studio 1/2/3/4	Afternoon Tea, Exhibition and Poster Display		14:15	<b>Progress towards a gene therapy for Christianson syndrome</b> <a href="#">Collin J Anderson</a> , University of Sydney
15:30	Great Room 1/2/3	<b>Eccles Plenary Lecture</b> <b>Prof George Paxinos</b> , Neuroscience Research Australia Chair: Dr Steve Kassem (Neuroscience Research Australia)		14:30	<b>Burkholderiaceae abundance in the gut microbiota is associated with cognitive impairment and gastrointestinal symptoms in women treated with chemotherapy for breast cancer: pilot results of the PREDICT Study</b> <a href="#">Courtney Cross</a> , The University of Adelaide
16:30	Great Room 1/2/3	<b>Presentaton of Awards and Conference Close</b> Chair: Professor <a href="#">Jason Mattingley</a> (University of Queensland)		14:45	<b>Whole-brain functional network connectivity during spatial working memory performance</b> <a href="#">Volkan Uzunçil</a> , Bioengineering, Imperial College London

\*Program subject to change without notice