



8<sup>th</sup> Annual Scientific Meeting, Adelaide

Tuesday 6<sup>th</sup> of November

SAHMRI Auditorium, North Terrace

Time	Event	
17:00-18:00	Registration opens	
17:30-18:00	Welcome reception: SA food and drink showcase	
18:00-18:40	Opening Address from Keynote Speaker Professor Urs Meyer, University of Zurich	
18:40-20:40	Welcome Mixer	
<b>Wednesday 7<sup>th</sup> of November</b> SAHMRI Auditorium, North Terrace		
8:00-9:00	Registration opens	
8:45-9:00	Opening address: Professor Bernhard Baune, Chair, Local Organising Committee and Professor Darryl Eyles, President, Biological Psychiatry Australia	
9:00-10:00	9 <sup>th</sup> Aubrey Lewis Lecture Dr Rachel A Hill, Florey Institute of Neuroscience and Mental Health / Monash University	
10:00-10:30	Data Blitzes Round 1 (5 x PhD Candidates presenting for 5 minutes each)  Chaired by <b>Jeremy Lum</b>	<b>Ariel Dunn, University of Newcastle</b> Synergistic effects of maternal immune activation and adolescent cannabinoid exposure on schizophrenia-related behaviour and auditory processing responses in rats
		<b>Alice Petty, The Queensland Brain Institute, The University of Queensland</b> Enhanced Dopamine in the Prodrome of Schizophrenia; A Novel Animal Model
		<b>Ellen Rose Cullity, The Florey Institute of Neuroscience and Mental Health</b> Postnatal developmental trajectory of dopamine receptor 1 and 2 expression in cortical and striatal brain regions
		<b>Ann-Katrin Kraeuter, James Cook University</b> Chronic $\beta$ -hydroxybutyrate administration normalises schizophrenia-like behaviours in a pharmacological NMDA hypofunction model
		<b>Adrienne Grech, Monash University</b> Characterising the cognitive consequences of disrupted BDNF-TrkB signalling at parvalbumin-expressing interneurons
10:30-10:50	Morning Tea	
10:50-12:20	Symposium 1 - Stress and trauma in psychopathology Dr Yann Quidé, Natasha Wood and Professor Anthony J Hannan Discussant: Dr Sarah Cohen-Woods Chair: Dr Yann Quidé	
12:20-12:50	Data Blitzes Round 2 (5 x Early Career Researchers presenting for 5 minutes each)  Chaired by <b>Jessica Mills</b>	<b>Dr Adam K Walker, Neuroscience Research Australia / University of New South Wales / Peter MacCallum Cancer Center</b> The blood-brain barrier is a viable target to treat depression
		<b>Dr Guiyan Ni, University of South Australia</b> Age at first birth in women is genetically associated with the risk of schizophrenia
		<b>Dr Xiaoying Cui, Queensland Brain Institute, The University of Queensland</b> The role of long non-coding RNA in the development of dopamine systems: A convergent mechanism for schizophrenia
		<b>Dr Tertia D Purves-Tyson, Neuroscience Research Australia / University of New South Wales</b> Elevation of complement pathway-related transcripts in the midbrain of schizophrenia cases with high cytokine-related inflammatory profiles
		<b>Dr Scott R Clark, University of Adelaide</b> Probabilistic Modelling of Transition to Psychosis Using Clinical, Cognitive and MRI data in the PACE 400 sample
12:50-13:10	Lunch	
13:10-14:10	Group 1 Poster Presentations	
14:10-15:40	Symposium 2 - What's wrong with my mouse? Deeper analysis of behavioural data in animal models towards modelling the human condition and disease	

	By Dr Jess Nithianantharajah, A/Prof Tim Karl, Dr Rachel Hill and Professor Darryl Eyles Discussant: Professor Maarten van den Buuse Chair: Professor Urs Meyer	
15:40-16:00	Afternoon Tea	
16:00-17:00	Early Career Researchers Session: Report from one BPA ECR speaker awardee and panel discussion regarding new NHMRC funding guidelines, with a specific focus on ECRs	
<b>18:00-23:00</b>	<p style="text-align: center;"><b>Cocktail Function</b> <b>John Halbert Room, Adelaide Oval</b></p> Special presentation from Associate Professor Rohan Walker, The University of Newcastle “A fuzzy overview of the random walk between failure, (moderate) success and survival in psychiatric neuroscience”	
<b>Thursday 8<sup>th</sup> of November</b> <b>SAHMRI Auditorium, North Terrace</b>		
9:00-10:00	6 <sup>th</sup> Isaac Schweitzer Lecture Professor Christos Pantelis, The University of Melbourne	
10:00-10:30	Data Blitzes Round 3 (5 x PhD Candidates or ECRs presenting for 5 minutes each)  Chaired by <b>Ilijana Babic</b>	<b>Salvatore Russo, University of Adelaide</b> Reconciling Mackintosh and Pearce-Hall: Evidence from human electrophysiology
		<b>Elysia Sokolenko, University of Melbourne</b> The mGluR2/3 agonist LY379268 reverses NMDA receptor antagonist effects on cortical gamma oscillations and coherence, but not working memory impairment in mice.
		<b>Elizabeth Llewelyn, University of New South Wales</b> Childhood trauma differentially moderates the association between inflammatory markers and cognitive performance in healthy individuals and psychotic disorders
		<b>Jessica Mills, University of Wollongong</b> Comfort Eating in Major Depressive Disorder: Links to Leptin and Ghrelin
		<b>Azmeraw Amare, SAHMRI</b> Polygenic scores for traits of depression predict response to lithium in patients with bipolar disorder
10:30-10:50	Morning Tea	
10:50-12:20	Symposium 3 – Personalised approach to Major Depressive Disorder: the right treatment for the right person  By Micah Kearns, Dr Matthew Knight and Dr Célia Fourrier Discussant: Professor Bernhard Baune Chair: Dr Adam Bayes	
12:20-12:50	Biological Psychiatry Australia’s Annual General Meeting	
12:50-13:20	Lunch	
13:20-14:20	Group 2 Poster Presentations	
14:20-15:00	Presentations by recipients of Neuronal Signalling Travel Awards  Chaired by <b>Samuel Millard</b>	<b>Renata Pertile, Queensland Brain Institute</b> Developmental Vitamin D-deficiency affects DNA methylation and midbrain development
		<b>Dr Yann Quidé, University of New South Wales / Neuroscience Research Australia</b> Glutamate levels in the anterior cingulate cortex are associated with schizotypal personality traits and moderated by childhood trauma severity
		<b>Katrina Bird, Illawarra Health and Medical Research Institute / University of Wollongong</b> Maternal Methadone Treatment: Behavioural and Cognitive Deficits in Adolescent Rat Offspring
15:00-16:15	Q&A session – Biomarker discovery in psychiatry: fact or fantasy? By A/Prof K. Oliver Schubert, Professor Bernhard Baune and Professor Brian Dean Discussant: Professor Peter Hoffmann Chair: Professor Bernhard Baune	
16:15-16:30	Afternoon Tea	
16:30-16:45	Prizes and Awards	
16:45-17:00	Closing Address from Conference Discussant Dr Scott R Clark, The University of Adelaide	
17:00	Conference Close	