

BPA

Conference 2014



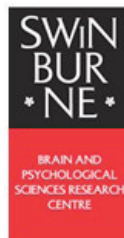
Biological
Psychiatry
AUSTRALIA

The 4th Annual
Scientific Meeting

Hosted by



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Time	Event	Speaker	Presentation Title
8.15	Registration Desk Opens		
09.00 - 09.10	Welcome Address	Prof Jayashri Kulkarni	
09.10 - 10.40	College of International Neuropsychopharmacology Symposium: Novel Therapies for Psychiatric Disorders Chair: Dr Olivia Dean	Prof Jayashri Kulkarni	Hormone Modulation in Psychiatry
		Dr Olivia Dean	Minocycline in Psychiatry
		Prof Paul Amminger	N-Acetylcysteine for the Prevention of Psychotic Disorders?
		Prof Daniel Hoyer	Suvorexant, the First Orexin Receptor Antagonist for the Treatment of Insomnia
10.40 - 11.00	Morning Tea		
11.00 - 12.30	Symposium: Repairing the Brain Circuitry With Non-Invasive Brain Stimulation Chair: A/Prof Alex Fornito	Dr Nigel Rogasch	Assessing Cortical Network Properties in Health and Disease Using Combined Brain Stimulation and Neuroimaging
		Dr Luca Cocchi	Identifying Cortical Targets for Brain Stimulation
		Dr Andrew Zalesky	Selective Modulation of Neural Dynamics Via Repetitive TMS
		Dr Kate Hoy	Neuromodulation of the DLPFC for the Enhancement of Working Memory
12.30 - 13.00	Data Blitz Chair: Dr Mayuresh Korgaonkar	A/Prof Ben Harrison	A Neural Mediator of Human Anxiety Sensitivity
		Prof Margaret Morris	Early Life Stress Affects Behaviour and Hippocampal Genes Related to Plasticity and Mitochondria
		Prof Cyndi Weickert	Molecular Induction of Neurogenesis in Response to Cortical Neuroinflammation in Schizophrenia
13.00 - 14.00	Lunch		
14.00 - 15.00	Perspectives: Science Opportunities Facilitator: Dr Kate Hoy	Dr Renee White	Working in Intellectual Property
		Prof Daniel Hoyer	Working in Industry
		Dr Andrea Horvath	Working in the Media
15.00 - 15.15	Data Blitz Chair: A/Prof Tom Burne	Dr Mayuresh Korgaonkar	Functional Imaging Markers of Treatment Prediction in Depression: Data from the International Study
		Prof Wendy Oddy	A 'Western' Dietary Pattern, Adiposity and Inflammation: Pathways to Mental Health Problems
		A/Prof Maarten van den Buuse	Role of Brain-Derived Neurotrophic Factor (BDNF) in Sex-Specific Behavioural Deficits in 'Two Hit' Models of Developmental Stress
15.15 - 15.45	Afternoon Tea		
15.45 - 16.45	5th Aubry Lewis Lecture Chair: Prof Brian Dean	A/Prof Adam Guastella	Translating Laboratory Models into Interventions and Benefits for Young People with Autism Spectrum Disorder
16.45 - 18.00	Posters with wine and cheese		
18.15 onwards	Social Function		

Time	Event	Speaker	Presentation Title
09.00-10.00	2nd Isaac Schweitzer Lecture Chair: Prof Jayashri Kulkarni	Prof Paul Fitzgerald	Advancing Non-Drug Biological Treatments in Psychiatry
10.00-10.30	Chair: Ms Emilia Lefevre Data Blitz: Student Presentations	Mr Timothy Nguyen	Serotonin Transporter Moderates Effects of Childhood Abuse on Depressive Symptom Trajectories
		Ms Maria Di Biase	Microglial Activation in Schizophrenia
		Mr Matthew Hudson	Clozapine Reverses NMDAr Antagonist Induced Disruptions to Gamma Activity and Associated PPI Deficit
		Ms Jiamei Lian	Betahistidine Ameliorates Olanzapine-Induced Weight Gain through Histaminergic, NPY and AMPK Pathways
		Mr Matthew Hyett	Modes, Movies and Networks: A Failure of Adaptation to Negative Emotional Content in Melancholia
		Mr Adam Walker	Infralimbic mTOR Signaling Correlates with Antidepressant Efficacy of Ketamine
10.30-11.00	Morning Tea		
11.00 - 11.40	Finding Funding Via Philanthropic Grants Chair: Prof Ian Overall	Mr Ross Johnstone Prof Brian Dean	
11.40 - 13.10	Symposium: Targeting the Cholinergic System in Psychiatric Disorders Chair: Dr Chris Langmead	A/Prof Elizabeth Scarr	Muscarinic Acetylcholine Receptor Phenotypes Post-Mortem Human Brain
		Dr Chris Langmead	New Approaches to Old Targets: the Muscarinic M1 Receptor in Schizophrenia and Cognitive Disorders
		Dr Heather Madsen	Nicotinic Receptor Subtypes Involved in Nicotine Reward: New Therapeutic Targets for Smoking Cessation
		Dr Michael Morgan	Varenicline, a nicotinic acetylcholine receptor modulator, shows promise for the treatment of alcohol dependence
13.10 - 13.30	Lunch		
13.30 - 14.00	Lunch and BPA Annual General Meeting		
14.00 - 15.30	Symposium: Cross Disorder Effects of Stress and Trauma: Implications for Resilience Chair: A/Prof Melissa Green & Prof Kim Felmingham	A/Prof Melissa Green	Effects of Childhood Adversity on Cognition in Schizophrenia are Moderated by Common Genetic Variants
		Dr Yann Quide	Childhood Trauma-Related Functional Brain Alterations During Executive Functioning in Psychosis
		Prof Kim Felmingham	Differences in Neural Processing of Emotional Stimuli in Posttraumatic Stress Disorder (PTSD) and Complex PTSD
		Dr Justine Gatt	Resilience and Wellbeing: The Role of Genetics and Impact on the Brain in a Study of Twins
15.30 - 16.00	Data Blitz Chair: Prof Mark Bellgrove	Dr Felicity Kloppe	A Cluster Analysis Exploration of the Clinical Phenotype of Subgroups within Autism
		Dr Christine Guo	Disrupted Network Dynamic in Emotional Circuitry During Film Viewing in Melancholic Depression
		Dr Murray Cairns	Reanimating the Molecular Circuitry of Postmortem Brain Tissue Using High-Throughput Genomics and Systems Biology
		Dr Kelly Newell	Evidence of Metabotropic Glutamate Receptor 5 Dysregulation in Schizophrenia
		Dr Samantha Broyd	Acute Effects of THC and CBD Alone and in Combination on Auditory Mismatch Negativity
16.00 - 16.10	Award Presentation Presenter: Prof Paul Fitzgerald		
16.10 - 16.20	Conference Discussant	A/Prof Darryl Eyles	
16.20 - 17.00	Networking and snacks		