

# 2019 Brain and Mind Symposium Program

## Theme: 'Pathways to Impact.'

**8.00 - 8.30am:**

**Registration and early bird coffee and tea**

**8.30am – 9.00am:**

**Welcome**

*Professor Matthew Kiernan, co-director, Brain and Mind Centre*

**Acknowledgment of Country:** Aunty Ann Weldon, NSW Aboriginal Land Council

**Opening Address**

*Professor Barbara Messerle, Provost, The University of Sydney*

**Session 1**

**9.00 – 9.30am**

*Chaired by Professor Sharon Naismith, Leonard P. Ullman Chair in Psychology, School of Psychology, Brain and Mind Centre.*

**Fudan University Presentation**

*Prof Shouyan Wang, Fudan University, Shanghai, China.*

**9.30am - 10.10am**

**Keynote Presentation**

*Chaired by Professor Ian Hickie, co-director, Brain and Mind Centre.*

**Professor Patrick McGorry AO.**

*Australian of the Year 2010. Professor of Youth Mental Health, University of Melbourne, Executive Director, Orygen*

**10.10am – 10.40am**

**EMCR Keynote**

*Chaired by Dr Michael Bowen, Lambert Initiative, School of Psychology, Brain and Mind Centre.*

*SOAR Fellow Assoc Professor Sally Gainsbury; "Technology, decision-making and risk: A stakeholder framework to minimise harms." Co-director, Gambling Treatment and Research Clinic, Brain and Mind Centre.*

**10.40am – 11.10am**

**Morning Tea and poster viewing**

**Session 2**

**11.10am - 12.10pm**

**Data Science, AI, and Neuroimaging Presentations:**

*Chaired by Associate Professor Kay Double, School of Medical Sciences.*

*Basic Science: "Predictive modelling of cannabinoid-protein interactions with machine learning and molecular dynamics." Dr Lewis Martin, Lambert Initiative, School of Psychology, Brain and Mind Centre*

*Clinical: "Accelerate quantitative clinical neuroimaging analysis with AI." Dr Tim Wang, Nerve Research Foundation Fellow, Multiple Sclerosis Research Australia Fellow, Brain and Mind Centre*

*Translation: "The art and science of harnessing insights from electronic medical records in SPEED-EXTRACT, a proof-of-concept study in acute coronary syndrome." Dr Charmaine Tam, NHMRC Early Career Fellow, Northern Clinical School*

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**12:10pm – 1.20pm**

**Lunch and poster viewing**

## **Session 3**

**1.20pm – 2.20pm**

**Child, Youth, and Mental Health Presentations:**

*Chaired by Professor Ralph Nanan, Professor of Paediatrics, Nepean Clinical School.*

Basic Science: “Differential sensitivity of gain-of-function GABA(A) receptor variants to vigabatrin and benzodiazepines in patients with epileptic encephalopathy.” Professor Mary Collins, Sydney Pharmacy School and Dr Deepak Gill, Head of the Epilepsy unit at the Children’s Hospital at Westmead.

Clinical: “Post-traumatic stress disorder and substance use: Promising new treatments for adolescents.” Dr Natalie Peach, Postdoctoral Research Fellow, The Matilda Centre.

Translation: “Possible futures for youth mental health care: evaluating the use of technology to improve health service delivery.” Dr Frank Iorfino, Research Fellow, Suicide Prevention and Health Reform, Central Clinical School.

**2:20pm - 3.20pm**

**Ageing and Neurodegeneration Presentations:**

*Chaired by Assoc Prof Clement Loy, Familial Dementia Clinic, Brain and Mind Centre.*

Basic Science: “Human hair follicle-derived neural precursors for treatment of neurodegenerative disorders.” An Truong, Regenerative Neuroscience Group at the Brain and Mind Centre..

Clinical: “Social cognition and behaviour in dementia: A neurocognitive approach.” Dr Fiona Kumfor, Senior Research Fellow, School of Psychology.

Translation: “Knowledge translation in dementia – progress and opportunities.” Associate Professor Lee Fay Low, Ageing and Health, Faculty of Health Sciences, Brain and Mind Centre.

**3.20pm – 3:50pm**

**Poster Presentation and Awards:**

*Chaired by Professor Matthew Kiernan*

**3.50pm - 4.00pm**

**Closing remarks:** *Professor Matthew Kiernan and Professor Ian Hickie*

**4.00pm - 6.00pm Drinks, canapés, networking and poster viewing**



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