



Cade Symposium

Your participation gives you unparalleled access to Melbourne's Neuroscience community.

You'll have access to over 150 participants from The University of Melbourne, The Mental Health Research Institute, Melbourne Health, Florey Neuroscience Institutes - as well as International Keynote Speakers – at this key opportunity for learning, networking and innovating.

For the first time in 2009, we are inviting major service providers and suppliers to join the neuroscience community, offering added value for delegates while giving your business the opportunity to engage with staff at all levels over the 3-day event.

You won't want to miss this chance to access this influential group of decision makers keen to find out about your latest products and services.

For just **\$2,000**, you can be a **Symposium Exhibitor** and receive:

- A 3m x 3m exhibition space in the foyer of the venue¹, where participants will gather for morning tea, lunch and afternoon tea
- One complimentary registration including admission to all seminars;
- Full catering for two staff throughout the event, including the post-event Symposium Closing Drinks on Friday evening.
- Your logo with a link to your company website on the event page on the Mental Health Research Institute website (www.mhri.edu.au).

In 2009, there are only four exhibitor spaces available, so book soon to avoid disappointment.

Subject to the response from exhibitors and delegates, we may expand the program in 2010; with 2009 sponsor offered the first opportunities to be part of the symposium.

Contact Nichole on 03 9389 2928 if you are interested in participating.

¹ A notice board and trestle table can be provided or you can bring your own materials



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International Guests

Dr. David Lewis

Dr Lewis hails from the University of Pittsburgh, where he is UPMC Endowed Professor in Translational Neuroscience in the Department of Psychiatry and Professor of Neuroscience at the University of Pittsburgh, and Director of the Translational Neuroscience Program at Western Psychiatric Institute and Clinic. He also serves as Director of the NIMH Conte Center for the Neuroscience of Mental Disorders, which is focused on understanding the role of prefrontal cortical dysfunction in the pathophysiology of schizophrenia.

Professor Lewis' research has found a "faulty circuit" in the brain of subjects with schizophrenia that is a likely cause for some of the symptoms of this disorder. He is involved with a team who has developed a drug that should correct the faulty circuitry. A proof of principal trial, involving 15 people with the disorder, suggests the drug improves abnormalities in working memory, one of the cognitive deficits of schizophrenia. This is an important finding given that current antipsychotic drugs are not particularly effective in this area.

Professor Stanislas Dehaene

French researcher, Stanislas Dehaene is interested in the cerebral bases of specifically human cognitive functions such as language, calculation, and conscious reasoning. His main scientific contributions include the study of the organization of the cerebral system for number processing; the subject of his acclaimed book *The number sense*, which has been translated in eight languages.

The youngest member of the French Academy of Sciences, Stanislas is the author of over 150 scientific publications in major international journals. He has received several international prizes including the McDonnell Centennial Fellowship and the Louis D prize of the French Academy of Sciences (with D. Lebihan).

Associate Professor Shuba Tole

Shuba Tole works in the Department of Biological Sciences at the Tata Institute of Fundamental Research in Mumbai where she is investigating genetic mechanisms and signaling pathways in the developing brain. She uses knockout and RNAi approaches, *in-utero* perturbation techniques, and tissue culture perturbations. We also generate transgenic mouse embryos using genetically engineered embryonic stem cells (ES cells). We analyze these by in situ hybridization, immunohistochemistry, and labelled nerve tract tracing. Some projects in the lab use *Drosophila* genetics or standard biochemistry to understand interactions between different molecular players.

Dr Johanna Montgomery

Johanna Montgomery is the Principal Investigator of the Synaptic Function Research Group at The University of Auckland. Her primary research focus is to understand the cellular and molecular mechanisms that guide the formation, maintenance, plasticity and elimination of excitatory synapses in the vertebrate central nervous system. Her team uses electrophysiological, molecular biology or imaging techniques to investigate the function of specific synaptic proteins, the molecular mechanisms of synaptic plasticity and how changes in synapse function or strength could manifest into network changes and disease.