



2nd Symposium **Drug Discovery for Diseases of the Brain**

27th - 28th November, 2009

the Brain & Mind Research Institute
100 Mallett Street, Camperdown NSW

To register, contact Ms Rachel Mead: r.mead@usyd.edu.au

*Hosted by: The Drug Discovery Research Unit
Designing better treatments for tomorrow, today*



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2nd Symposium – Drug Discovery for Diseases of the Brain

PROGRAM: Friday 27th November, 2009

- 10:00 am Registration
- 10:30 am Introduction & Welcome (Michael Kassiou)
- 10:40 am Gerhard Koeing (EnVivo Pharmaceuticals USA)
An industry perspective of drug development in Alzheimer's Disease
- 11:30 am Michael Parker (St. Vincent's Institute of Medical Research)
Structure-based drug discovery of molecules to combat Alzheimer's disease
- 11:50 am Jürgen Götz (BMRI, USyd)
Tau as an emerging drug target in Alzheimer's disease
- 12:10 pm Lunch
- 1:10 pm Richard Glennon (Virginia Commonwealth University USA)
Classification of Phenylalkylamines of Abuse Using Drug Discrimination Techniques
- 2:00 pm Andrew Lawrence (Howard Florey Institute)
New therapeutic targets for drug & alcohol abuse
- 2:20 pm Iain McGregor (BMRI, USyd)
Oxytocin: a new target for addiction pharmacotherapies
- 2:40 pm Afternoon tea
- 3:10 pm Malgosia Dukat (Virginia Commonwealth University USA)
5-HT₃ Related dual-mechanism analgesic adjuvants
- 4:00 pm Rob Capon (University of Queensland)
Marine Biodiscovery: A Source of Bioactive Metabolites that Target Neurodegenerative Diseases and Pain
- 4:20 pm Mark Connor (Macquarie University)
Naturally occurring fatty acid/neurotransmitter conjugates as novel tools for dissecting ion channel function

PROGRAM: Saturday 28th November, 2009

- 8:30 am Registration & coffee
- 9:00 am Heiko Wurdak (Scripps Research Institute USA)
Small Molecules and Neural Stem Cells in Brain Physiology and Brain Cancer
- 9:40 am Kuldip Sidhu (UNSW)
Generating dopaminergic neurons from autologous and allogeneic sources of stem cell under 3D environment
- 10:00 am Alana Scarf (BMRI, USyd)
Targeting the translocator protein (TSPO) (18kDa) on microglia
- 10:20 am Morning tea
- 10:40 am Ron Quinn (Eskitis Institute QLD)
Can you front-load for CNS penetration in natural product research?
- 11:00 am Joseph Nicolazzo (Monash University)
Understanding blood-brain barrier transport for effective CNS drug discovery
- 11:20 am Tom Peat (CSIRO)
Fragment screening as a way into the drug discovery process
- 11:40 am Nick Malik, (AstraZeneca)
AstraZeneca's commitment to Neuroscience
- 12:00 noon Finish



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For further details, contact

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2nd Symposium

Drug Discovery for Diseases of the Brain

Registration

(Although there is no cost to attendees, registration is essential)

Name:

Organisation:

Position:

Postal Address:

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Tel: Fax:

Email:

Please fax or email this registration form to:

Ms Rachel Mead

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