Frontiers in Neurogenetics and Brain Imaging

Symposium
Thursday 15 September, 2011

www.med.monash.edu/psych

A one-day neuroimaging symposium will be held in conjunction with the World Congress on Huntington’s Disease to be held in Melbourne, September 2011.

The main focus of the symposium will be to bridge the gap between neurogenetics, brain imaging and behaviour. The meeting will consist of plenary and invited key note presentations from leading experts in the field.

Featured topics:
• genes, gene expression, gene mapping and cognition;
• neuroimaging in neurodevelopmental disorders;
• neuroimaging in neurodegenerative disorders; and
• future directions.

Plenary speaker:
Assistant Professor Gülün Öz, PhD
Centre for Magnetic Resonance Research,
University of Minnesota (USA)

Speaker information:
Professor Julio Licinio
The John Curtin School of Medical Research,
The Australian National University

Professor Margie Wright
Queensland Institute of Medical Research

Associate Professor Victor Villemagne
Department of Nuclear Medicine and Centre for PET, Austin Health,
The Mental Health Research Institute,
The University of Melbourne

Affiliate Professor Elizabeth Aylward
Centre for Integrative Brain Research,
Seattle Children’s Research Institute,
University of Washington (USA)

Professor Kevin Conley
Translational Centre for Metabolic Imaging,
University of Washington (USA)

Professor Martin Delatycki
Clinical Genetics, Austin Health,
Heidelberg Repatriation Hospital,
Bruce Lefroy Centre for Genetic Health Research, Murdoch Childrens Research Institute

Associate Professor Mark Bellgrove
Cognitive Neuroscience Laboratory
Queensland Brain Institute,
The University of Queensland

Professor Kim Cornish
Developmental Neuroscience and Genetics Disorders Laboratory, Monash University

Professor Christos Pantelis
Melbourne Neuropsychiatry Centre,
The University of Melbourne,
Melbourne Health

Chair persons:
Associate Professor Nellie Georgiou-Karistianis and Professor Gary Egan

Venue:
Monash Biomedical Imaging (MBI), Monash University 770 Blackburn Road, Clayton Melbourne

Registration: www.med.monash.edu.au/psych/research/activities/neuroimaging-symposium.html

Price:
Early Bird Fee $138 (GST inclusive), available until 31 July 2011. Registration available on site at $165 (GST inclusive).
Student Fee $83 (GST inclusive).

Please contact jessica.despard@monash.edu for any queries.
## Time Table

**Frontiers In Neurogenetics and Brain Imaging Program – Thursday 15 September, 2011.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Allowance</th>
<th>Presentation</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8.45 am</td>
<td>15 min</td>
<td>Registration</td>
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**Morning Session Theme 1: Gene expression, gene mapping, cognition (integrating different approaches)**

Chair: Professor Elsdon Storey (Department of Neurosciences and the Van Cleef. Roet Centre for Nervous Disease, Monash University)

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<tr>
<th>Time</th>
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<th>Presentation</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>9.00 am</td>
<td>10 min</td>
<td>Opening Address</td>
<td>Gülün Öz, PhD Assistant Professor Centre for Magnetic Resonance Research, University of Minnesota (USA)</td>
</tr>
<tr>
<td>9.10 am</td>
<td>40 min</td>
<td>Plenary Speaker</td>
<td>Gülün Öz, PhD Assistant Professor Centre for Magnetic Resonance Research, University of Minnesota (USA)</td>
</tr>
<tr>
<td>10.00 am</td>
<td>20 min</td>
<td>Abstract</td>
<td>Julio Licinio The John Curtin School of Medical Research, The Australian National University</td>
</tr>
<tr>
<td>10.25 am</td>
<td>20 min</td>
<td>Abstract</td>
<td>Margie Wright Queensland Institute of Medical Research</td>
</tr>
<tr>
<td>11.05 am</td>
<td>30 min</td>
<td>Morning Tea</td>
<td></td>
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**Morning Session Theme 2: Different applications from neurodegenerative disorders**

Chair: Professor Trevor Kilpatrick (Centre for Neuroscience, Melbourne Brain Institute, Howard Florey Institute, University of Melbourne)

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<th>Time</th>
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<tbody>
<tr>
<td>11.35 am</td>
<td>20 min</td>
<td>Abstract</td>
<td>Victor Villemagne (Alzheimer's disease) Department of Nuclear Medicine and Centre for PET, Austin Health, The Mental Health Research Institute, The University of Melbourne</td>
</tr>
<tr>
<td>12.00 pm</td>
<td>20 min</td>
<td>Abstract</td>
<td>Elizabeth Aylward and Kevin Conley (Huntington's disease) Centre for Integrative Brain Research, Seattle Children's Research Institute, Translational Centre for Metabolic Imaging, University of Washington</td>
</tr>
<tr>
<td>12.50 pm</td>
<td>15 min</td>
<td>Panel Discussion</td>
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**Morning Tea**

**Morning Session Theme 3: Different Applications from Neurodevelopmental Disorders**

Chair: Professor Ingrid Scheffer (Paediatric Neurology Research, Department of Medicine, Austin Health, Department of Paediatrics, Royal Children's Hospital)

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<tr>
<th>Time</th>
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<th>Presentation</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>2.05 pm</td>
<td>20 min</td>
<td>Abstract</td>
<td>Mark Bellgrove (ADHD) Cognitive Neuroscience Laboratory Queensland Brain Institute, The University of Queensland</td>
</tr>
<tr>
<td>2.30 pm</td>
<td>20 min</td>
<td>Abstract</td>
<td>Kim Cornish (Fragile X) Developmental Neuroscience and Genetic Disorders Laboratory, Monash University</td>
</tr>
<tr>
<td>2.55 pm</td>
<td>20 min</td>
<td>Abstract</td>
<td>Chris Pantelis (Schizophrenia) Melbourne Neuropsychiatry Centre, The University of Melbourne, Melbourne Health</td>
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<tr>
<td>3.20 pm</td>
<td>15 min</td>
<td>Panel Discussion</td>
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**Afternoon Tea**

**Afternoon Session Theme 4: Looking to the future**

Chair: Professor Alan Connely (Brain Research Institute, Melbourne Brain Centre)

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<th>Time</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>4.15 pm</td>
<td>40 min</td>
<td>Panel Discussion</td>
<td>Gülün Öz, Elizabeth Aylward, Mark Bellgrove, Gary Egan, Nellie Georgiou-Karistianis, Tony Hannan and Julie Stout</td>
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<tr>
<td>4.55 pm</td>
<td>5 min</td>
<td>Meeting Close</td>
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<tr>
<td>5.00 pm</td>
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<td>Drinks and Nibbles</td>
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