

Reflex Syncope Workshop

Neurology of reflex syncope

Syncopes are arguably the most common paroxysmal events throughout life and much more prevalent in infancy and early childhood than in adulthood. Despite a huge literature, the neurological basis is not fully understood. This workshop originated from new observations on neonatal asystolic syncopes in paroxysmal extreme pain disorder (PEPD) in which *SCN9A* is mutated and Nav1.7 altered in sympathetic ganglia (and of course in dorsal root ganglia). The aims of the workshop are to discuss the neurology of reflex syncope with contributions from those who deal with adults as well as children, and those who come from various disciplines. The workshop will consist of a number of brief talks, followed by discussion. The workshop will be held on Tuesday 29th May, 14:00-18:00. The following speakers will present during this workshop (provisional program):

- Introduction and overview of reflex syncope in newborns, infants and children, with video-demonstrations. John Stephenson, UK
- Breath-holding spells in children. Francis DiMario, USA
- Arrest of the cerebral circulation in adults. David Robertson, USA
- Why is the semiology of syncope so poorly recognized? John Stephenson, UK
- What is the future for implantable recorders? Satish Raj, USA
- Sudden sympathetic withdrawal in asystolic syncope. David Jardine, New Zealand
- Lack of sympathetic withdrawal in vasovagal syncope. Gautam Vaddadi, Australia
- Problems in evaluating the sympathetic nervous system. Vaughan Macefield, Australia; Phillip Low, USA; Elizabeth Lambert, Australia
- Genetic causes of orthostatic intolerance. David Robertson, USA
- Cardiac and respiratory syncopes in *SCN9A*-mutated PEPD. Colin Ferrie, UK
- More general lessons from the syncopes of PEPD? John Stephenson, UK and speaker panel

Peripheral Neuropathy Workshop

Peripheral neuropathy and neuronopathy: diagnostic approaches and pathophysiological insights

This workshop incorporates discussion around the clinical manifestations, diagnosis, and mechanisms of disease pathogenesis for the peripheral neuropathies and neuronopathies. Understanding these aspects of this group

of disorders is critical to arriving at the specific diagnosis. Development of novel treatment strategies will also be discussed for this group of neurological disorders. The workshop will compose of a number of 20-minute talks, followed by discussion. The workshop will be held on Wednesday 30th May, 14:00-17:00. The following speakers will present during this workshop (provisional program):

- Spinal muscular atrophy: Michelle Farrar, Australia
- Hereditary motor neuropathy: Steve Vucic, Australia
- Channelopathies: Prof Matthew Kiernan, Australia
- Biomarkers for treatment: Cindy Lin, Australia

Autoantibody Workshop

Autoantibody mediated CNS disorders

Brain and spinal cord disorders that are associated with auto-antibodies are an emerging group of important and treatable neurological conditions. This workshop will bring clinical researchers from around the world together to describe their research and key findings. The workshop will compose of a number of 20-minute talks, followed by discussion. The workshop will be held on Thursday 31st May from 14:00-17:00. The following speakers will present during this workshop:

- Autoantibody assays and pathogenic mechanisms: Prof Angela Vincent, University of Oxford, United Kingdom
- NMDAR and VGKC encephalitis in children: Prof Angela Vincent, University of Oxford, United Kingdom
- Autoimmune movement disorders: A/Prof Russell Dale, Westmead Children's Hospital, Australia
- Opsoclonus myoclonus ataxia syndrome: Dr Mark Gorman, Harvard Medical School, Boston, USA
- Autoantibodies in epilepsy and limbic encephalitis: Prof Yukitoshi Takahashi, Japan
- Myelin Oligodendrocyte Glycoprotein antibodies in CNS demyelination: Dr Fabienne Brilot, Sydney Medical School, Australia
- Rare and unusual putative autoimmune CNS disorders: Dr Rob Rust, Virginia, USA