

Where are we now...?

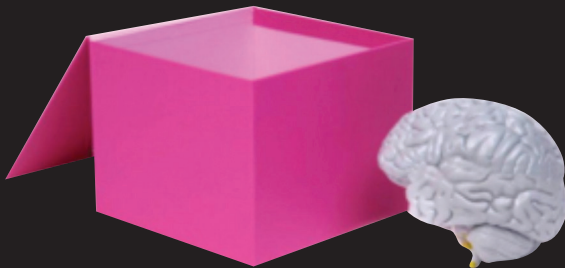
Thursday 31 October 2019

8:45am – 4:15pm

(Registration from 8:00am)

State Library of Queensland
Cultural Precinct, Stanley Pl, South Brisbane

Tenth Annual Queensland Epilepsy Symposium



Thinking
outside
the **box!**

Join us for some stimulating dialogue...

How genetics is transforming epilepsy care

Timely intervention of epilepsy and how it changes the outcome

Register online: <https://qldepilepsysymposium.eventbrite.com.au>
or email rsvp@epilepsyqueensland.com.au



Sponsored by:



Kindly printed by:



www.epilepsyqueensland.com.au

Program

Details subject to change without notice



| | | |
|----------------------|---|--|
| 8.00-8.45am | Registration | Coffee and tea on arrival |
| 8.45-9.00am | Welcome and acknowledgment of country | Epilepsy Queensland |
| 9.00-10.00am | How genetics is transforming epilepsy care | Professor Ingrid Scheffer |
| 10.00-10.45am | Timely intervention of epilepsy and how it changes the outcome | Dr Ubaid Shah |
| 10.45-11.10am | Morning tea | |
| 11.10-11.35am | Refractory epilepsy genomics project | Associate Professor Lata Vadlamudi |
| 11.35-12.00pm | The future of medical bionics – transforming lives | Robert Klupacs, CEO Bionics Institute |
| 12.00-12.30pm | The logic of sleep | Associate Professor Bruno van Swinderen |
| 12.30-1.30pm | Lunch | |
| Stream 1 | General registrations - Auditorium 1 | |
| 1.30-2.30pm | 1. Assessing fitness to drive after epilepsy surgery using an app-based assessment 2. Impact of anxiety and depression 3. Research - social cognition | 1. Peter Jones RN & Ray Kopeshke OT 2. Krystina Wallis 3. Dr. Maryam Ziaei |
| 2.30-3.30pm | Panel discussion - impact of epilepsy / syndromes | Moderators - Dr McLaughlin / Professor Scheffer |
| 3.30-4.00pm | Epilepsy, valproate and pregnancy | Associate Professor Cecilie Lander |
| 4.00-4.15pm | Close | |
| Stream 2 | Registered Nurses and Health Practitioners ONLY - Auditorium 2 | |
| 1.30-1.45pm | Introduction to the afternoon - inaugural nurses meet up | Epilepsy Queensland |
| 1.45-2.15pm | Midazolam and guidelines | Dr Kate Sinclair |
| 2.15-3.00pm | Functional neurological disorder | Mr Vince Cheah RN |
| 3.00-3.30pm | What is the best diet for epilepsy? | Katie Barwick A/Clinical lead Dietician |
| 3.30-4.10pm | Executive functioning skills: 'organising the body and brain to improve learning performance and mental wellbeing.' | Dr Carina Capra |
| 4.10-5.00pm | Networking | |

Trade displays available

State Library of Queensland

Cultural Precinct,
Stanley Pl, South
Brisbane QLD 4101



**Auditorium 1
Level 2
State Library of Queensland**

Transport

Bus - Cultural Precinct Busway Station in Melbourne Street. Chartered bus temporary set-down in Stanley Place.

Train - South Brisbane Station, corner of Melbourne and Grey Streets.

For further public transport information contact TransLink on 13 12 30.

Paid parking is available at public carparks.



Laureate Professor Ingrid Scheffer AO MB BS PhD FRACP FAES FAHMS FAA FRS, Laureate Professor Ingrid Scheffer AO is a physician-scientist whose work as a paediatric neurologist and epileptologist at the University of Melbourne and Austin Health has led the field of epilepsy genetics over more than 20 years, in collaboration with Professor Samuel Berkovic and molecular geneticists. This resulted in identification of the first epilepsy gene and many more genes subsequently. Professor Scheffer has described many novel epilepsy syndromes and refined genotype–phenotype correlation of many disorders. Her major interests are in the genetics of the epilepsies, epilepsy syndromology and classification, and translational research. She collaborates on research focused on the genetics of speech and language disorders, autism spectrum disorders, cortical malformations and intellectual disability. She led the first major reclassification of the epilepsies in three decades, published in March 2017, for the International League Against Epilepsy. She has received many awards, including the 2007 American Epilepsy Society Clinical Research Recognition Award, the L'Oréal-UNESCO Women in Science Laureate for the Asia-Pacific region for 2012 and the ILAE Ambassador for Epilepsy Award. In 2014, she was elected as a Fellow of the Australian Academy of Science, and also as Vice-President and Foundation Fellow of the Australian Academy of Health and Medical Sciences. In 2019, she is President-Elect of the Australian Academy of Health and Medical Sciences. She was a co-recipient of the 2014 Australian Prime Minister's Prize for Science and she was awarded the Order of Australia in 2014. In 2018, she was elected as a Fellow of the Royal Society.



Dr Ubaid Shah is currently working as consultant Paediatric Neurologist and Epileptologist at the Queensland Children's Hospital and also provides dedicated Private Paediatric Neurology, Epilepsy and EEG service at Brisbane Child Neurology and Mater Children's Private Hospital.

Dr Shah attended medical school (MBBS) and completed his paediatric training (MD Paediatrics) prior to his paediatric neurology training. He completed fellowship of the Royal Australasian College of Physicians in Paediatric Neurology (FRACP) and also took additional training in complex epilepsy by completing George Gregan Epilepsy Fellowship. Dr Shah has trained extensively in invasive EEG monitoring, cortical stimulation, and Neuro-modulation techniques.

Dr Shah is the Director of the Australia and New Zealand Child Neurology Society (ANZCNS) and is strong advocate for children with Drug Resistant Epilepsy. Dr Shah has clinical and research interest in complex epilepsy. His particular areas of interest are minimally invasive epilepsy surgery, invasive EEG monitoring including Stereo-EEG, intraoperative mapping and multi-modal image processing.



Associate Professor Lata Vadlamudi has been a researcher in the field of epilepsy for over 15 years and has been a neurologist in clinical practice for almost 20 years. Lata is a Senior Staff Specialist in Neurology at the Royal Brisbane and Women's Hospital and Group Leader at the UQ Centre for Clinical Research. Her current research has been funded by Queensland Genomics. The goal of this clinical genomics project is to demonstrate that the integration of genomics into the clinical care of refractory epilepsy patients will improve their management and also show that this can be delivered effectively and efficiently. Other research projects include the complex genomic and epigenomic landscapes of epilepsy, in order to better understand the causes of this complex disease.



Mr Robert Klupacs has been CEO of The Bionics Institute of Australia since 2017. A highly experienced professional, with over 30 years corporate experience, uniquely experienced in translating and commercialising early stage intellectual property into commercial product or investable corporate vehicles.

He is an Australian registered patent attorney who has had a wide and successful career in Australia and Asia within both private and publically traded companies as well as the academic arena. He is especially regarded for his ability to bridge cultural divides and knowledge gaps between academics, corporations and the general investment community and internationally recognised for his ability to lead start-up organisations to mature well focused companies. He is also heavily involved in raising funds for autism research through his role as pro-bono Non-executive Chairman of the registered charity Bioautism Limited.



Bruno van Swinderen, PhD received a PhD in evolutionary biology from Washington University in St Louis, Missouri. His postdoctoral work at the Neurosciences Institute in San Diego, California, led him to the scientific study of consciousness. Taking an evolutionary view, he developed novel paradigms to study perception in the smallest animal brains. His discoveries include uncovering neural correlates of sleep and selective attention in flies, as well as fundamental mechanisms of general anaesthesia. In 2008, he moved to Australia to run the lab at the Queensland Brain Institute. His lab uses the *Drosophila* fly model to understand how the brain is able to block or prioritise sensory stimuli, as happens during sleep and attention. He is particularly interested in how sleep and attention might have co-evolved to optimise behaviour, and is keen to promote research in simpler animal models to understand complex brain processes such as consciousness.



Dr Dan McLaughlin is a Brisbane based Neurologist specialising in treatment of adults with seizure disorders. His research interests are the pharmacology of antiepilepsy drugs. Over the last twenty years he has been a clinical investigator in a number of trials assessing the newer anti-epileptic drugs. Over the same period of time Dr McLaughlin has been an active member of the Epilepsy Society of Australia including current Chair of the Drugs and Devices Committee. Dr McLaughlin is a member of Epilepsy Queensland's Medical Advisory Group.



Ray Kopeshke studied at the University of Queensland and graduated with a Bachelor of Occupational Therapy (Hons) in 2004. He worked in Brisbane at the Royal Brisbane and Women's Hospital and Mater Hospital Brisbane, before venturing overseas to work in London. In 2015, Ray became extensively involved in delivering OT services to surgical epilepsy patients, in both the pre-habilitation and post-operative rehabilitation stages of their recovery. From these undertakings, research regarding cognitive fitness to drive after epilepsy surgery has become a primary source of interest and subsequently, a research study has commenced.



Peter Jones initially studied Science at the University of the West of England in the UK before pursuing a nursing career in the late 1990s. Following graduation as a registered nurse from the University of Southampton, Peter moved to Australia and began working in general medicine at the Royal Brisbane and Women's Hospital in 2002.

Moving to the Intensive Care Unit, completing postgraduate qualifications in ICU nursing at QUT in 2006, where he began to specialise in neurosurgery and neurological patient care. In 2015, Peter helped design and set up an advanced epilepsy monitoring and surgical service within the Mater Centre for Neurosciences, Mater Hospital Brisbane.

Peter completed his Masters of Nursing Science (Nurse Practitioner) degree at QUT in 2017. He currently holds positions as a Nurse Practitioner for epilepsy at both the Mater Hospital and the Princess Alexandra Hospital, Brisbane.



Krystina Wallis is a provisional psychologist currently studying her masters of psychology with a specialty in health at the University of Queensland. Krystina's research interests include health promotion and prevention in chronic illness and she has worked closely with Epilepsy Queensland in 2019 to produce research to understand quality of life for Queenslanders living with epilepsy. Previously she has studied at Monash and Melbourne universities and completed a thesis on understanding the facilitators of long-term exercise engagement in women. Krystina has worked in a health consulting firm in London to promote sustainable and integrated care in the National Health Service.



Maryam Ziaei completed her PhD in neuroscience through the School of Psychology at the University of Queensland (UQ). Her PhD research sought to understand the networks involved in processing emotionally and socially salient cues in healthy ageing. She is currently a UQ Development Fellow at the Centre for Advanced Imaging, where she leads a number of neuroimaging projects around the changes in social and emotional processes in epilepsy, the role of mindfulness training on well-being, and the impact of exercise on cognitive functions in healthy ageing.

While passionate about fundamental research, Maryam is also actively engaged with the broader community to translate her research findings into tools for promoting public health. She is currently working on a widely-accessible intervention program that could help patients in interpersonal relationships and ultimately, improve their mental health.



Associate Professor Cecilie Lander is a clinical neurologist and epileptologist in Brisbane. She trained at the Royal Brisbane Hospital, the Austin Hospital in Melbourne and the University College Hospital in London. Cecilie has had a long-standing interest in the pharmacological management of epilepsy, especially in women in the areas of pre-pregnancy planning, pregnancy and post-partum management. She established a specific Antenatal Clinic for Women with epilepsy in 1979 at the RBWH and this clinic continues to serve women with epilepsy who are pregnant or planning a pregnancy. She is a Co-Investigator of the Australian Pregnancy Register for Women on anti-epileptic medication and a member of Epilepsy Queensland's Medical Advisory Group.



Dr Kate Sinclair has worked in Child and Adolescent Neurology in Brisbane since 2005. Last year she worked at the RBWH in the Comprehensive Epilepsy Service focussing on young adults as they transition to Adult Care and currently works across both services.

Her initial training was in the UK graduating from Oxford and then completing clinical training in Sydney. Having completed Paediatric training in both UK and Australia she started Neurology training at Addenbrookes Hospital in Cambridge.

"Care of patients with epilepsy has been a constant part of my practise which is very much multidisciplinary from genetics to putting patients forward for surgery."

"Keeping epilepsy patients safe with rescue medication such as Midazolam cuts across hospital and community. One of my roles in UK was to teach the schools about its use."



Vince Cheah RN, completed a graduate program at the Mater Centre for Neurosciences where he continued to develop an interest in epilepsy, movement disorders and functional neurological disorders (FND). Over the following years, he has worked with the functional neurological disorder team to promote an multi-disciplinary team approach to patient care. He has continued to develop FND resources for both health professional and patients and continues to help educate health professionals at the FND Masterclasses with the rest of the FND team.



Katie Barwick BSc, Masters Nutr & Diet, APD has been a paediatric clinical dietitian for over 20years. She is an accredited practicing dietitian with experience working at the 2 major children's hospitals in Sydney and in Brisbane providing her a board range of clinical experience. Katie has been working at Queensland Children's Hospital since opening in 2014 specialising in the nutritional management of children with epilepsy including ketogenic diets.

For the past 9 years she has had a keen interest and experience in ketogenic diets helping to reduce the seizures of many children across the state as part of the Queensland Children's Hospital ketogenic diet service. Her expertise has resulted in a number of publications and presentations in this area including the supervision of honours students in completing ketogenic diet research.



Dr Carina Capra is a highly experienced Occupational Therapist with a Doctorate in Psychology. Carina works in the area of child, adolescent and youth psychiatry in both the public and private sector. Her interests are in neurodevelopmental psychiatry and using behavioural strategies to support functional outcomes. She aims to enable children, youth and families to live satisfying and meaningful lives, regaining a sense of achievement, self-esteem and well-being.