

November 18-20, 2015

Griffith University, Gold Coast

ICNE 2015

> Australia



> SCIENTIFIC  
PROGRAMME

# 5th INTERNATIONAL CONFERENCE ON NEUROLOGY & EPIDEMIOLOGY

**Professor Amanda Thrift**  
*Conference President*

**Professor Simon Broadley**  
*Conference Vice President*

**Professor Valery Feigin**  
*IANE Chairman*

*Keynote Speakers*  
**Albert Hofman**, The Netherlands  
**Alan Lopez**, Australia  
**George Mensah**, USA  
**Walter Rocca**, USA



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# 5th INTERNATIONAL CONFERENCE ON NEUROLOGY & EPIDEMIOLOGY

> Wednesday, November 18<sup>th</sup>

07:30	<b>Registration Opens</b>
07:30-09:00	<b>Teaching sessions</b> Methods in Neuroepidemiology - Walter Rocca, Giancarlo Logroscino, Derrick Bennett
09:00-09:15	<b>Welcome</b>
09:15-10:15	<b>Keynote Address</b> Epidemiology, cohorts, and 'big science' - Albert Hofman
10:15-10:45	<i>Morning Tea</i>
10:45-13:00	<b>Plenary Session: Contribution of the GBD to our understanding of neurological diseases</b> 1. GBD framework and Global Burden of Cardiovascular disease - Alan Lopez 2. Global burden of mental and substance abuse disorders - Harvey Whiteford 3. Neurological disorders and stroke - Valery Feigin 4. Addressing the Global Burden of Disease: From Descriptive Epidemiology to Policy and Implementation Research - George Mensah
13:00-13:45	<i>Lunch/Exhibition</i>
13:45-15:15	> <b>ROOM A - Getting the Diagnosis Right in Movement Disorders</b> 1. The early diagnosis of Parkinson's: how precise can we be? - Tim Anderson 2. Huntington's disease diagnosis and prevalence in our aging populations - Clement Loy 3. Does brain imaging actually improve diagnostic precision in neurodegenerative disease? - Tracy Melzer 4. Immunity and diagnosis in movement disorders - when should I think about antibodies? - Shekib Mohammad  > <b>ROOM B - Focusing rehabilitation on the person and family in context: Person centred and family-centric approaches</b> 1. Addressing communication disorders for productive community integration - Leanne Togher 2. Person-centred practice in complex rehabilitation settings - Kathryn McPherson 3. Family resilience: An important resource for long-term functioning - Grahame Simpson 4. The long-term experiences of stroke family caregivers: how can technology promote improved relationships? - Tony Ryan
15:15-15:45	<i>Afternoon Tea</i>
15:45-16:45	<b>Plenary Session: Risk factor epidemiology and gene-environment interactions</b> 1. Examining interactions in observational studies - Ingrid van der Mei 2. Gene-environment interactions in mouse models of neurological disorders - Anthony Hannan 3. Examining gene-environment interactions using twin studies - Dale Nyholt
16:45-18:00	<b>Cutting edge research in Neuroscience</b> 1. Multiscale systems modelling for epidemiological neuroscience research - Leonid Churilov 2. Best practice for investigator-led clinical trials - experience from Neuroscience Trials Australia - Tina Soulis 3. Proffered paper
18:00-19:30	<b>Guided Posters</b>



## > SCIENTIFIC PROGRAMME



## > Thursday, November 19<sup>th</sup>

07:30-09:00	<b>Teaching sessions</b> Methods in Neuroepidemiology - Walter Rocca, Giancarlo Logroscino, Derrick Bennett <b>Teaching session/workshop</b> Working in complex settings, developing person-centred goals and assessing imprecise outcomes
09:00-10:30	<b>Plenary Session: Precision in Acute Stroke</b> 1. Clot retrieval trials - Stephen Davis 2. Changes in Acute Stroke Guidelines - Geoffrey Donnan
10:30-11:00	<i>Morning Tea</i>
11:00-12:30	<b>MS Epidemiology</b> The epidemiology of Multiple Sclerosis: Past achievements and future opportunities - Anne-Louise Ponsonby
12:30-13:30	<i>Lunch/Exhibition</i>
13:30-15:00	<b>Precision in Epilepsy Research</b> 1. Mortality of epilepsy in China - Ding Ding 2. Outcomes of epilepsy surgery - Anne McIntosh 3. Developing diagnostic tools for epilepsy genetics study in rural China - Patrick Kwan
15:00-15:30	<i>Afternoon Tea</i>
15:30-17:00	<b>Plenary Session</b> 1. How buildings can facilitate recovery and promote neurological development - Heidi Muenchberger 2. Peer Mentoring as a method for improving community integration - Robin Hanks 3. Environmental enrichment and neuroplasticity in rehabilitation - Robin Green 4. Self-efficacy and self-management following stroke - Elizabeth Kendall
17:00-18:30	<b>Poster session</b>
19:00-23:00	<b>Dinner</b>

# 5th INTERNATIONAL CONFERENCE ON NEUROLOGY & EPIDEMIOLOGY

> Friday, November 20<sup>th</sup>

07:30-09:00	<b>Teaching sessions</b> Methods in Neuroepidemiology: epidemiological or design issues, statistics, findings of studies on factors that influence disease progression Walter Rocca, Giancarlo Logroscino, Derrick Bennett, Ingrid van der Mei
09:00-10:30	<b>Plenary Session: Precision in Neuroepidemiology in hard-to-reach settings</b> 1. Changes of stroke and its risk factors in Westerners and Asians - Yoshihiro Kokubo 2. Stroke rehabilitation trials in LMICs: are they feasible? - Jeyaraj Pandian 3. Stroke in Aboriginal and Torres Strait Island Populations - Amanda Thrift
10:30-11:00	<i>Morning Tea</i>
11:00-12:30	<b>Proffered Papers</b>
12:30-13:30	<i>Lunch</i>
13:30-14:30	<b>Proffered Papers</b>
14:30-15:00	<i>Afternoon Tea</i>
15:00-16:45	<b>Plenary Session: Vascular Alzheimer's Disease</b> 1. Stroke dementia - Perminder Sachdev 2. Diabetes and Alzheimer's Disease - Velandai Srikanth 3. The incidence of dementia: Age, sex, and time - Walter Rocca 4. The Alzheimer enigma: epidemiological studies of the causes of dementia - Albert Hofman 5. Irido/retinal predictors of neurological disorders - Mohammed Ikram
16:45-17:00	<b>Awards and Close</b>

## SUPPORTED BY



> ORGANISATION

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