



CNS Diseases: ADVANCED DIAGNOSTICS AND TREATMENT CONFERENCE

September **16-18**, 2019

Travel Partner



Venue

Pullman Melbourne Albert Park

65 Queens Road Melbourne
Victoria 3004, Australia

Our Sponsor



We are excited to use Whova as our event platform.
Attendees please download Whova event app.



The event invitation code is: **cnsfl**

DAY 1

CNS Diseases-2019

September 16, 2019

08:30-09:15 Registrations, Arrival Tea & Coffee @ Mercure Lounge
09:15-09:30 Introduction @ State Room 2

Keynote

@ State Room 2

09:30-10:15 **CNS Diseases: Clinical Aspects, Molecular Genetics and Biomarkers**
Ian Macreadie, RMIT University, Australia

10:15-10:45 Coffee Break @ Mercure Lounge

10:45-11:30 **The Segmented Brain – Why the Hypothalamus is Not Part of the Diencephalon and Other Surprises**
Charles Watson, University of Western Australia, Australia

11:30-12:15 **The Circadian System Plays a Major Role in the Aetiology, Progression and Treatment of Parkinson's Disease: Ending an Era of "Forcing Nature" with Dopamine Replacement**
Gregory L Willis, The Bronowski Institute of Behavioural Neuroscience, Australia

12:15-13:15 Lunch @ Mercure lounge

Featured Talks

@ State Room 2

Neurodegenerative Diseases: Novel Biomarkers for Diagnosis and Drug Development

Chairs: Ian Macreadie, RMIT University, Australia
Sulev Koks, The Perron Institute for Neurological and Translational Sciences, Australia

13:15-13:40 **Multicentric Cryptococcomas Mimicking Neoplasia**
Adrian Kelly, Dr George Mukhari Academic Hospital & Sefako Makgatho Health Sciences University, South Africa

13:40-14:05 **Serum Amyloid Alpha is Downregulated in Peripheral Tissues of Parkinson's Disease Patients**
Sulev Koks, The Perron Institute for Neurological and Translational Sciences, Australia

14:05-14:30 **Alzheimer's Disease: Is the Inflammasome the Missing Link?**
Elaine Chan Wan Ling, International Medical University, Malaysia

14:30-14:55 **Colocalization of Iron and Aluminum in Nuclei of Nerve Cells in Brains of Patients with Sporadic Alzheimer's Disease**
Sakae Yumoto, Tokyo University School of Medicine, Japan

14:55-15:20 Coffee Break @ Mercure Lounge

15:20-15:45 **Exploring Multi-Tasking Learning Models in the Healthcare Domain for Investigating the Best Performing Task Conditions in Providing an Accurate Estimate of the Parkinson's Disease status**
Aggeliki Vlachostergiou, National Technical University of Athens (N.T.U.A.), Greece

15:45-16:10 **The Role of High-flow Bypass in the Treatment of Delayed Complications of Head and Neck Radiation**
How-Chung Cheng, National Taiwan University Hospital, Taiwan

16:10-16:35 **Spinal Cord Stimulation Improves the Microvascular Perfusion Insufficiency Caused by Critical Limb Ischemia**
Jung-Tung Liu, Chung-Shang University Hospital, Taiwan

16:35-17:00 **Plasma Biomarkers and Neurodegenerative Diseases**
Ming-Jang Chiu, National Taiwan University, Taiwan

17:00-18:00 Reception

Session: CNS Diseases: Clinical Aspects, Molecular Genetics and Biomarkers @ State Room 2

- Chairs:** **Matthew CL Phillips**, Waikato Hospital, New Zealand
Murray J. Cairns, The University of Newcastle, Australia
- 09:00-09:25 **Critical Role of Brain-specific Gangliosides in the Pathogenesis of Traumatic Brain Injury and Alzheimer's Disease**
Eugene D. Ponomarev, The Chinese University of Hong Kong, Hong Kong
- 09:25-09:50 **Analysis of the Association of MIR124-1 and Its Target Gene RGS4 Polymorphisms with Major Depressive Disorder and Antidepressant Response**
Duan Zeng, Shanghai Jiao Tong University School of Medicine, China
- 09:50-10:15 **Ketogenic Diets in Parkinson's and Alzheimer's**
Matthew CL Phillips, Waikato Hospital, New Zealand
- 10:15-10:40 Coffee Break @ State Room Foyer**
- 10:40-11:05 **Pharmacological Annotation of Polygenic Risk in Individuals with Psychiatric Disorders**
Murray J. Cairns, The University of Newcastle, Australia
- 11:05-11:30 **Plasma-biomarker Panel for Discriminating AD, PD and FTD**
Charles S.Y. Yang, MagQu Co., Ltd., Taiwan
- 11:30-11:55 **Circulating Circular RNAs as Biomarkers in the Acute Phase of Ischemic Stroke**
Zuo Lei, Southeast University, China
- 11:55-12:20 **Stress-induced Changes of NMDA and AMPA Receptor Expression in the Rat Brain are Aggravated by Neonatal Bacterial Endotoxin Exposure**
Alexander Trofimov, Institute of Experimental Medicine, Russia
- 12:20-13:20 Lunch @ Mercure lounge**
- 13:20-13:45 **The Pathogenic Role of Complement C5a Receptor, C5aR1 in Motor Neuron Disease**
John D. Lee, University of Queensland, Australia
- 13:45-14:10 **Gap Junction Network Within an Olfactory Sensory Unit for Colony Identification in the Japanese Carpenter ant: 3D Structure and Putative Function**
Tatsuya Uebi, Kobe University, Japan
- 14:10-14:35 **Tissue-engineered Electrodes for Brain-machine Interfaces**
Ulises A. Aregueta Robles, University of New South Wales, Australia
- 14:35-15:00 **Golgi fragmentation Induced by Cyclin-dependent Kinase 5 Overactivation is Associated with Isoflurane-induced Cognitive Decline**
Long Fan, Xuanwu Hospital, Capital Medical University, China
- 15:00-15:25 **A Novel Analytical Method for Detection of Phosphorylated-synuclein S129 in Parkinson's Disease**
Charles S.Y. Yang, MagQu Co., Ltd., Taiwan
- 15:25-15:50 Coffee Break @ State Room Foyer**

Session: Autism, ADHD and Neurodevelopmental disorders

@ State Room 2

- 15:50-16:15 **Linking Autism to an Imbalanced Catabolism of Synaptic Monoamines**
Dominique G. Bérroule, Campus Universitaire d'Orsay, Paris
- 16:15-16:40 **Neuropsychology Intervention in Williams Syndrome: A Clinic Case**
Serrano-Juárez Carlos Alberto, FES Iztacala, UNAM, Mexico
- 16:40-17:05 **Caspr2/CNTNAP2 (or Cadm1) Forms a Complex with GPR37 and Mupp1 But not with Autism-related Mutated Ones**
Momoi Takashi, Tokyo Medical University, Japan

17:05-18:00 Poster Presentations

@ State Room 2

Poster Presentations

- CNS-01 **The Prognostic Factors Affecting the Occurrence of Subsequent Unprovoked Seizure in Patients who Present with Febrile Seizure after 6 Years of Age**
Seung Hyo Kim, Jeju National University Hospital, South Korea
- CNS-02 **Comparative Effects of Hydrogen Sulfide-Releasing Compounds on [3H]D-Aspartate Release from Bovine Isolated Retinae**
Catherine A. Opere, Creighton University, USA
- CNS-03 **Surgical Outcome of Pediatric Spinal Cord Tumor**
Shiro Imagama, Nagoya University Graduate School of Medicine, Japan
- CNS-04 **The Di Bella Method's Biological Multi-therapy has Improved the Objective Response, Expectation and Quality of Life of Brain Malignancies. Statistical Evaluation at 7 Years**
Giuseppe di bella, Giuseppe Di Bella Foundation, Italy
- CNS-05 **Thrombolysis with rhTNK-tPA at Different Therapeutic Time Windows in Animal Model of Embolic Stroke**
Weiting Wang, Tianjin Institute of Pharmaceutical Research, China
- CNS-06 **Role of Glutamate in the Pathogenesis of Acquired Epilepsy in Alzheimer's Disease**
Hattapark Jeff Dejakaisaya, Monash University, Australia
- CNS-07 **Late Preterm Infants' Social Competence, Motor Development, and Cognition**
Jia You and Yuying He, Xi'an Maternal and Child Health Care Hospital, China
- CNS-08 **The Interaction of N-terminal Motif of Acetylcholinesterase and β -amyloid Triggers β -amyloid Aggregation and Deposition**
Hongzhuan Chen and Hao Wang, Shanghai Jiaotong University School of Medicine, China
- CNS-09 **Perceptual Closure Analysis: Preliminary Study with Event-related Potentials (ERP)**
Serrano-Juárez Carlos Alberto, FES Iztacala, UNAM, Mexico

|| DAY 3

September 18, 2019

CNS Diseases-2019

10:00	Depart from the Conference Venue
12:30-13.30	Refreshments
13:30-17:30	Continue the Exploration
18:00	Back to Hotel Pullman Albert Park

Spotlight on Melbourne Melbourne's charm is characterised by its enchanting laneways, stunning waterfront precincts and trendy neighbourhoods, and provides an endless choice of shopping hot spots and culturally-diverse, award-winning restaurants, cafés and bars in weird and wonderful locations. There are plenty of things to do in Melbourne. Easily navigated on foot, the city's confidence and success are infectious; whether closing a deal or relaxing with colleagues and new friends, Melbourne is the perfect destination.

The following are places covered during city tour.

- **St Kilda Pier**
- **Brighton Huts**
- **Melbourne Star (Docklands)**
- **Melbourne Cricket Ground**
- **Royal Exhibition Building**



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Level 14, 380 St Kilda Road, Melbourne, VIC 3004

Telephone: +61 383 913 150; **Fax:** +61 380 803 252

Email: writeus@scientificprism.com

Web: <https://www.cnsconference.com/>