

# Scientific Program



23<sup>rd</sup> International Conference on

## **Neurology & Neurophysiology**

&

24<sup>th</sup> International Conference on

## **Neurosurgery and Neuroscience**

March 18-19, 2019 | Edinburgh, Scotland

UK: Conference Series LLC Ltd  
47 Churchfield Road, London, W3 6AY  
Toll Free: +0-800-014-8923

# DAY-1

March 18, 2019

Meeting Hall: **Greyfriars Suite**

08:30-09:00 Registrations

*Opening Ceremony* ..... **09:00-09:30**

## KEYNOTE FORUM

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09:30-09:40 Introduction

09:40-10:20 **Title: Neuroprotective therapy both for acute ischemic stroke and ALS**  
Koji Abe, Okayama University, Japan

10:20-11:00 **Title: Management of traumatic unstable dorsolumbar spine injuries with transpedicular screw and rod fixation: Our institutional experiences of 59 cases**  
Tofael Hossain Bhuiyan, Rangpur Medical College Hospital, Bangladesh

## GROUP PHOTO

**Networking & Refreshment Break 11:00-11:20 @ Dunedin Bar Area**

**Sessions: Neurology | Neurointensive Care Unit | Neurorehabilitation | Neurophysiology | Neurosurgery | Case Reports on Neurology & Neurosurgery | Skull base Neurosurgery**

**Chair: Koji Abe**, Okayama University, Japan

**Co-Chair: Pedro Góes**, Paulo Niemeyer State Brain Institute, Brazil

## INTRODUCTION

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11:20- 11:50 **Title: Advanced and emerging concepts in neuroprotection: Unlocking the secrets of nerve cell resilience and recovery**  
David J. Banayan, Rush University Medical Center, USA

11:50-12:20 **Title: A challenge in managing posterior fossa cyst with hydrocephalus: A case report**  
Jacinta Vikeneswary Francis, Hospital Sultanah Nur Zahirah, Malaysia

12:20-12:50 **Title: Excessive glutamate release and underlying synaptic mechanisms in a mouse model of amyotrophic lateral sclerosis**  
Tiziana Bonifacino, University of Genoa, Italy

12:50-13:20 **Title: Does the speed of reduction in peripheral cortisol levels correlates with long term post hypophysectomy Cushing disease control?**  
Samih Hassan, Queen Elizabeth University Hospital, UK

**Lunch Break 13:20-14:20 @ Westview Restaurant**

14:20-14:50 **Title: A study on functional interactions between the central nervous system using a decerebrated and arterially perfused *in situ* preparation**  
Itaru Yazawa, Hoshi University, Japan

14:50-15:20 **Title: A rare case of ossification of ligamentum flavum presenting as dorsal myelopathy in achondroplasia**  
Tamajit Chakraborty, Sir Ganga Ram Hospital, India

15:20-15:50 **Title: Neuroprotective therapy with antioxidative drugs and supplements**  
Koji Abe, Okayama University, Japan

15:50-16:20 **Title: The keyhole concept for the management of ruptured and unruptured aneurysms**  
Pedro Góes, Paulo Niemeyer State Brain Institute, Brazil

**Networking & Refreshment Break 16:20-16:40 @ Dunedin Bar Area**

16:40-17:10 **Title: Complex clinical and functional study of children with idiopathic tip-toe walking**  
Ekaterina Drozhevskaja, The Turner Scientific Research Institute for Children's Orthopedics, Russia

17:10-17:40 **Title: Cervical perimedullary AVF with feeding artery aneurysm - endovascular treatment with review of literature**  
Rahul Srinivasan, Medical Trust Hospital, India

17:40-18:10 **Title: Endoscopic endonasal transsphenoidal approach in patients with Rathke's cleft cyst**  
Guive Sharifi, Shahid Beheshti University of Medical Sciences, Iran

## Panel Discussion

# DAY-2

March 19, 2019

Meeting Hall: **Greyfriars Suite**

## KEYNOTE FORUM

09:40-10:20 **Title: Agonists and antagonists of specific serotonergic receptors in the treatment of cognitive, depressive and psychotic symptoms in Alzheimer's disease**  
Felix-Martin Werner, Euro Akademie Pößneck, Germany

10:20-11:00 **Title: Activation of K<sup>+</sup>-Cl<sup>-</sup>-cotransporter KCC2 by inhibiting the WNK-SPAK kinase signalling as a novel therapeutic strategy for epilepsy**  
Jinwei Zhang, University of Exeter, UK

**Networking & Refreshment Break 11:00-11:20 @ Dunedin Bar Area**

**Sessions: Clinical Neurophysiology | Neuronal functions and disorders | Neurorehabilitation | Neuroimaging | Spinal Surgery | Neurosurgery | Brain Tumour**

**Chair:** Felix-Martin Werner, Euro Akademie Pößneck, Germany

**Co-Chair:** Tamajit Chakraborty, Sir Ganga Ram Hospital, India

## INTRODUCTION

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**11:20-11:50** **Title: Neuronal calcium dyshomeostasis as a crucial process in neuropathologies**  
Ludmila Zylinska, Medical University of Lodz, Poland

**11:50-12:20** **Title: Robot-aided spinal surgery: Lessons learned from our first 70 patients**  
Benjamin Fleming, The Royal Melbourne Hospital, Australia

**12:20-12:50** **Title: The role of necrosis in the worse prognosis of meningiomas**  
Pedro Góes, Paulo Niemeyer State Brain Institute, Brazil

**Lunch Break 12:50-13:50 @ Westview Restaurant**

## POSTER PRESENTATIONS 13:50-14:30 @ DUNEDIN BAR AREA

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**Poster Judge:** Felix-Martin Werner, Euro Akademie Pößneck, Germany

**NNC-01** **Title: GABA-shunt enzymes activity is modulated by phytochemicals under normal and disturbed intracellular calcium homeostasis**  
Elzbieta Rebas, Medical University of Lodz, Poland

**NNC-02** **Title: Traumatic brain injury, hyperosmolar therapy and dysnatremia: A case report and brief review of literature**  
Francesca Morelli, Erasmus University Medical Center, The Netherlands

**NNC-03** **Title: Transcranial direct current stimulation leads to enhancement in laparoscopic technical skills training: A randomized controlled trial**  
Hannah Palmer, Duke University, USA

**NNC-04** **Title: Cerebral venous thrombosis presented as space occupying lesion mimicking brain tumour: A case report**  
Nurul Ashikin Binti Hamzah, Hospital Sultanah Nur Zahirah, Malaysia

**NNC-05** **Title: Calcium dyshomeostasis modifies CCL5 response in differentiated PC12 cells**  
Ludmila Zylinska, Medical University of Lodz, Poland

**NNC-06** **Title: Restoring adaptive multisensory integration for postural control following long-term auditory deprivation**  
Marie-Soleil Houde, Université de Montréal, Canada

**NNC-07** **Title: Features of maladaptive reorganization of canonical circuits underlying cortical malformation induced sensory and cognitive deficits**  
Qian-Quan Sun, University of Wyoming, USA

## SPEAKER SESSION CONTINUES

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**14:30-15:00** **Title: Challenges to human intelligence in a future with artificial intelligence**  
Jaideep Jesson Rayapudi, Pondicherry Institute of Medical Sciences, India

15:00-15:30

**Title:** CNS involvement in IgG4 related disease, a new diagnostic challenge for neuroscientists

Samih Hassan, Queen Elizabeth University Hospital, UK

15:30-16:00

**Title:** Rethinking the impossible: Aligning current research, rehabilitation therapies & recovery expectations to create a new post acute standard of care for patients with severe spinal cord injury

Rebecca B Baker, Utilize Health, USA

**Networking & Refreshment Break 16:00-16:20@ Dunedin Bar Area**

16:20-16:50

**Title:** Review on omega fatty acids and neurophysiology

Dharitri Parmar, Government Medical College, India

16:50-17:20

**Title:** Update of the neural networks involved in generalized epilepsy

Felix-Martin Werner, Euro Akademie Pößneck, Germany

17:20-17:50

**Title:** Evaluation and efficacy of optic sheath measurement by sonography means to detect raised intracranial pressure

Rahul Srinivasan, Medical Trust Hospital, India

## E-POSTER PRESENTATIONS

### Panel Discussion

## Awards & Closing Ceremony

## Bookmark your Dates

24<sup>th</sup> International Conference on

## Neurology & Neurophysiology

March 16-17, 2020 Berlin, Germany

E: [neurophysiology@neurologyspeakerexperts.org](mailto:neurophysiology@neurologyspeakerexperts.org)

Website: [neurophysiology.neuroconferences.com](http://neurophysiology.neuroconferences.com)

25<sup>th</sup> International Conference on

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