

Scientific Program

JOINT EVENT

22nd International con-

**NEUROLOGY AND
NEUROPHYSIOLOGY**

&

23rd International Conference on

**NEUROLOGY AND
NEUROSURGERY**

April 23-24, 2018 Rome, Italy

Hall Name: Olimpica 2

09:00-09:20

Opening Ceremony

Keynote Forum

09:20-09:30 Introduction

Title: Latest Advances on Theory of Spike Frequency Modulation (SFM) in Neuroinformatics

09:30-10:15

Yingxu Wang, University of Calgary, Canada

Group Photo

Networking and Refreshments Break 10:15-10:30 @Foyer

10:30-11:15

Title: Cytotoxic brain tissue edema after traumatic brain injury - A new hypothesis to its etiology

Hans Von Holst, Karolinska Institute, Sweden

11:15-12:00

Title: Efficacy and safety of clobazam in a pediatric refractory epilepsy population less than two years of age

Ersida Buraniqi, Mayo Clinic, USA

Sessions: Neurology | Neuronal functions and disorders | Neurorehabilitation | Neuropharmacology

Session Chair: Aurelian Anghelescu, Carol Davila University of Medicine and Pharmacy, Romania

Session Chair: Roberto Cartolari, Radiology Service S. Giovanni Hospital, Switzerland

Session Introduction

12:00-12:30

Title: Cognitive Impairment and Its Association to Musculoskeletal Chronic Degenerative Disorders

Jose Luis Carrillo Gamboa, Center for Medicine Regenerativa Queretaro, México

12:30-13:00

Title: Mapping somatotopic of motor fibers and modeling internal capsular stroke

Min-Cheol Lee, Chonnam National University Medical School, South Korea

Lunch Break 13:00-13:45 @ hotel Restaurants

13:45-14:15

Title: CT blend sign is closely associated with the post-operative re-haemorrhage in patients with hypertensive ICH

Guofeng wu, Guizhou Medical University, China

14:15-14:45

Title: Vagus Nerve Stimulation Alters Phase Synchrony of the Anterior Cingulate Cortex and Facilitates Decision Making in Rats

Ying Li, City University of Hong Kong, China

14:45-15:15

Title: Bilateral anodal transcranial direct current stimulation could attenuate the activity of oxidative stress serum biomarkers in patients with Parkinson's disease

Muhammed Al-Jarrah, Jordan University of Science and Technology, Jordan

15:15-15:45

Title: ECT: Clinical and anesthesiological aspects in treatment resistant depression

Barbara Barbini, Irccs San Raffaele Turro, Italy

15:45-16:15

Title: A Pre-Operative Stratigic Planning Of The Sellar & Para-Sellar Lesions By Neuro-Imaging Study

Mohamed A.Fahmy Zeid, Alexandria University, Egypt

Networking and Refreshments Break 16:15-16:30 @Foyer

Young Research Forum

- 16:30-16:50** Title: **Early epileptic encephalopathies with suppression burst**
Prisca-Rolande Bassole, Cheikh Anta Diop University, Senegal
- 16:50-17:10** Title: **Effects of eight-week home based yoga and resistance training on muscle strength, functional capacity and balance in patients with multiple sclerosis**
Mostafa Azimi, Sports Medicine Research Center, Iran
- 17:10-17:30** Title: **Protective effects of methyl jasmonate on chronic stress-activated behavioral alterations and markers of oxidative stress**
Oritoke Aluko, Federal University of Technology, Nigeria
- 17:30-17:50** Title: **Exploration of Use of Ultrasound to differentiate Carpal Tunnel Syndrome Associated With Axonal Degeneration**
Xue Deng, The University of Hong Kong, China

Panel Discussion

Day 2 April 24, 2018

Hall Name: Olimpica 2

Keynote Forum

- 10:00-10:45** Title: **Systemic inflammatory reaction induced by laborious tattooing maneuvers, unedited precipitating factor for an asymmetric, bilateral thalamo-mesencephalic infarction, in a chronically cannabis and tobacco abuser, with anatomic variant of posterior cerebral vasculature – case report and literature review**
Aurelian Anghelescu, Carol Davila University of Medicine and Pharmacy, Romania

Networking and Refreshments Break 10:45-11:00 @Foyer

- 11:00-11:45** Title: **The degenerative lumbar spine: from healthy to early pathology**
Roberto Cartolari, Radiology Service S. Giovanni Hospital, Switzerland

Workshop

- 11:45-12:30** Title: **Hands-on autonomic function test and its interpretation**
Kamlesh Jha, All India Institute of Medical Sciences, India
- 12:30-13:15** Title: **Role of heart rate variability in autonomic function testing**
Tribhuvan Kumar, All India Institute of Medical Sciences, India

Lunch Break 13:15-14:00 @ hotel Restaurants

- 14:00-14:45** Title: **Autonomic functions: the tests and their clinical applications**
Ramji Singh, All India Institute of Medical Sciences, India
- 14:45-15:30** Title: **Clinical applications of autonomic function testing**
Yogesh Kumar, All India Institute of Medical Sciences, India

Video Presentation

- 15:30-15:55** Title: **A New Direction for Alzheimer's Research**
James D. Weinstein, Marshall University (Ret), USA
- 15:55-16:15** Title: **Early Neurorehabilitation in Neurosurgery**
Ivanova Natalia Evgenyrvna, Polenov Neurosurgical Institute, Russia

Networking and Refreshments Break 16:15-16:30 @ Foyer

Poster Presentations 16:30-18:00 @ Foyer

Poster Judge: Roberto Cartolari, Radiology Service S. Giovanni Hospital, Switzerland

- EN01** Title: **The study of association between serum brain derived neurotrophic factor protein and dyslipidemia on memory performance in Thai Alzheimer disease patients**
Panaree Busarakumtragul, Srinakharinwirot University, Thailand

- EN02** **Title: Clinical and Pathophysiological Considerations of Gait Limitations and High Prevalence of Falls, in Elderly with Most Common, Disabling Neurological Diseases – Mini Review**
Aurelian Anghelescu, Carol Davila University of Medicine and Pharmacy, Romania
- EN03** **Title: Involvement of BDNF/TrkB signaling in regulating the injury induced regeneration response in adult zebrafish (*Danio rerio*) brain**
Surendra Kumar Anand, Jawaharlal Nehru University, India
- EN04** **Title: Differentiated approach to the restoration of speech in patients with aphasia in the acute and early periods of stroke**
E S Berdnikovich, Research Center of Neurology, Russia
- EN05** **Title: Orexin receptor 1 in the anterior cingulate cortex regulates effort-based decision making**
Sara Karimi, Kashan University of Medical Sciences, Iran
- EN06** **Title: Use of weighted exercise and gait training to improve function in the ataxic patient: A case study on a patient with acute motor-sensory axonal neuropathy**
Mathilde Battsek DeGraff and Holly Battsek, NYU Langone Health, USA
- EN07** **Title: Assessment of autonomic dysfunctions in patients with Parkinson's disease by cerebrovascular regulation to CO2 reactivity**
Shyan-Lung Lin, Feng Chia University, China
- EN08** **Title: Low-level light emitting diode (LED) therapy suppresses inflammasome-mediated brain damage in experimental ischemic stroke**
Yong-Il Shin, Pusan National University, South Korea
- EN09** **Title: New-LED-based light therapy improves cognitive function in mouse model of Alzheimer's disease**
Jihong Min, Pusan National University, South Korea

Panel Discussion

Award Function & Closing Ceremony

