7th Global Experts Meeting on Neuropharmacology

July 31-August 02, 2017  Milan, Italy
### Keynote Forum

**Introduction**

**Title:** Blood-brain barrier in Alzheimer’s disease induced brain pathology and neuroprotection by nanodelivery of cerebrolysin  
*Hari Shanker Sharma,* Uppsala University, Sweden  

**Title:** Co-ultramicronized palmitoylethanolamide/luteolin facilitates oligodendrocyte precursor cell development and improves outcome in experimental autoimmune encephalomyelitis  
*Stephen D Skaper,* University of Padua, Italy  

**Title:** Mitochondrial lesions as an earlier hallmark for liver and brain neuronal damage during the chronic ethanol self-administration in *Cynomolgus* monkeys: New challenge for treatment strategy  
*Gjumrakch Aliev,* GALLY International Biomedical Research Institute Inc., USA

### Networking and Refreshments Break

**Title:** The impact of dementia on migrant communities: A complex challenge in a globalized world  
*David Truswell,* Somefreshthinking Consultancy, UK

**Sessions:**  
- Neuroimmunology and Neuroinflammation  
- Neurochemical Transmission  
- Alzheimer’s Disease and Dementia  
- Parkinson's Disease  

**Session Chair:** Harish C Pant, National Institutes of Health, USA  
**Session Chair:** Aruna Sharma, Uppsala University, Sweden

### Session Introduction

**Title:** Oral treatment with sphingosine-1-phosphate receptors modulator prevents Parkinson symptoms concomitantly to reduced brain inflammation in MPTP mouse models  
*Michel CYR,* University of Trois-Rivieres, Canada  

**Title:** The impact of brain lesions on basic emotions and emotion regulation in stroke survivors  
*Marina Farinelli,* Ospedale Privato Villa Bellombra- Consorzio Colibri’- Bologna, Italy  

**Title:** ApoE4- targeted therapeutics for AD  
*Varghese John,* University of California, USA  

**Title:** Intravenous immunoglobulins for children refractory epilepsy  
*Alireza Rezayi,* Shahid Beheshti University of Medical Sciences, Iran

### Lunch Break

**Title:** Translational approach to Neurodegenerative diseases: A small peptide derived from neuronal cell cycle kinase (Cdk5) prevents neurodegeneration  
*Harish C Pant,* National Institutes of Health, USA

**Session Chair:** Gjumrakch Aliev, GALLY International Biomedical Research Institute Inc., USA  
**Session Chair:** David Truswell, Somefreshthinking Ltd., UK  

### Opening Ceremony

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*Spiga+S. Andrea*
Title: Thalamocortical circuit in sleep control: The thalamic mGluR1-PLCβ4 pathway is critical in sleep architecture
Eunji Cheong, Yonsei University, South Korea

Title: Inhibition of signal transducer and activator of transcription 3 (STAT3) reduces neonatal hypoxic-ischemic brain damage
Mariya Hristova, University College London, UK

Title: Can tau pathobiology be phenocopied in a cellular expression model?
Joel B Schachter, Merck Research Laboratories, USA

Title: Nanodelivery of cerebrolysin induces neuroprotection in Parkinson's disease
Aruna Sharma, Uppsala University, Sweden

Networking and Refreshments Break

Title: Psychobiotic PS128 rescued motor deficits in MPTP-induced mice model
Ying-Chieh Tsai, National Yang-Ming University, Taiwan

Title: Therapeutic strategies for the Parkinson’s patient with Alzheimer’s changes: The benefits of art, structure and nutrition
Elizabeth K Barber, Barber Innovations LLC, USA

Panel Discussion

Day 2 August 01, 2017

Spiga+S. Andrea

Keynote Forum

Introduction
Title: Novel paradigm of the development of preclinical diagnosis of Parkinson’s disease
Michael V Ugrumov, Institute of Developmental Biology RAS, Russia

Title: Initial studies on neuroimmune biology
Istvan Berczi, University of Manitoba, Canada

Title: Molecular mechanism and intervention studies of regenerative mossy fiber sprouting in hippocampus following developmental seizures
Ni Hong, Soochow University, China

Networking & Refreshments Break

Title: PARP1 dependent long-term memory acquisition
M Cohen-Armon, Tel-Aviv University, Israel

Special Session

Title: The intuitive rational-choice theory of madness: Schizophrenia, criminal insanity & neuroses the fallen empires of psychoanalysis, medical models and drug companies
Yacov Rofé, Bar-Ilan University, Israel

Poster Presentations

Poster Judge: Hari Shanker Sharma, Uppsala University, Sweden
Poster Judge: Joel B Schachter, Merck Research Laboratories, USA

NPC-001 Title: Can we target amino acid metabolism to affect brain tumor growth?
Eduard H Panosyan, LABioMed/ Harbor-UCLA, USA

NPC-002 Title: In vitro effects of newly derivatives of caffeine-8-a-methyl thioglycolic acid on neuroblastoma cell line SHSY5Y
Alexandra Kasabova, Medical University-Sofia, Bulgaria

NPC-003 Title: In vitro effects of new caffeine derivatives on isolated rat synaptosomes
Borislav Angelov, Medical University-Sofia, Bulgaria

NPC-004 Title: In vitro study of newly synthesized derivatives of caffeine-thioglycolic acid – effects on contractile activity of small brain vessels
Martin Vasilev, Medical University-Sofia, Bulgaria

NPC-005 Title: Investigating the mechanism of action of novel smoothened antagonists discovered by in silico screening of the homodimer interface
P Banerjee, Neuroscience Paris-Saclay Institute, France
NPC-006
Title: Postural stability of patients with distal symmetric diabetic polyneuropathy after combined pharmacotherapy with alpha-lipoic acid and benfotiamine, pyridoxine and cyanocobalamine
Dorina Petrova, National Transport Hospital “Tzar Boris III”, Bulgaria

NPC-007
Title: Studying the effectiveness of venlafaxine in mice model of post-traumatic stress disorder
Natalia Malikowska, Jagiellonian University Medical College, Poland

NPC-011
Title: Jurisdictional consequences in some brain condition
Luissetto Mauro, European specialist in lab medicine, Italy

Session: Clinical Neuropharmacology | Psychopharmacology | Behavioral and Addiction
Neuropharmacology | Neurotechnology
Session Chair: Hari Shanker Sharma, Uppsala University, Sweden
Session Chair: Stephen D Skaper, University of Padua, Italy

Title: Deep brain stimulation for uncontrollable aggressive behaviour: The benefit beyond our expectations
Oscar Bernal-Pacheco, Instituto Roosevelt, Colombia
Title: Prolonged inhibition of semaphoring-3A pathway via biodegradable implant towards a better therapy for visual sensory impairments
Arieh S Solomon, Tel Aviv University, Israel
Title: The use of mTOR inhibitor for the treatment of refractory seizures in an infant with hemimegacephaly
Anita N Datta, University of British Columbia, Canada
Title: Delayed cytokine effects of 4 days of intravenous G-CSF infusion for mobilization of peripheral blood stem cells: Possible role for neuroregeneration
Young-Ho Lee, Hanyang University College of Medicine, South Korea
Title: The effects of combination treatment with PME-88 and riluzole on the ALS mouse model
Hyo Joon Kim, Presbyterian Medical Center, South Korea
Title: Exploring the cultural-specific challenges and opportunities of the autism spectrum disorders populations in China and Hong Kong
Kay Chang, University of Macau, China

Session Chair: Ni Hong, Soochow University, China
Session Chair: Stephen D Skaper, University of Padua, Italy

Title: Peroxynitrite could be a critical therapeutic target for preventing hemorrhagic transformation and poor outcome in ischemia-reperfused rat brains with delayed thrombolysis
Jiangang Shen, The University of Hong Kong, China
Title: Emotional empathy and cognitive styles in psychodynamic group therapy: UAE experience
Hala Fakhiry, Cairo University, Egypt

Young Reseacher’s Forum
Title: Activated M2 phenotype microglia induce differentiation and polarization of monocyte and chemo-attraction in in vitro system
Yeonseung Han, Yonsei University, South Korea
Title: The antiangiogenic activities of Synanthedon tipuliformis sexual pheromone on chorioallantoic membrane
Zeynab-Sadat Payambarpour, Shahed University, Iran

Day 3     August 02, 2017
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Sessions: Neural Stem Cell | Neuroethics | Molecular Neuropharmacology | Future Aspects of Neuropharmacology | Case Study Reports
Session Chair: Jan Ulfberg, Capio Sleep Center, Sweden
Session Chair: Hua P Su, MSD Research Labs, USA
Session Introduction

Title: Characterization of non-active site, TrkA selective kinase inhibitors and implications on obtaining kinase selectivity
Hua P Su, MSD Research Labs, USA

Title: Treatment with selenium in restless legs syndrome
Jan Ulfberg, Capio Sleep Center, Sweden

Title: Combination brexpiprazole and aripiprazole long-acting injectable therapy for treatment-resistant schizophrenia
Mathew Nguyen, Meridian Behavioral Healthcare, USA

Title: New sole presentation for childhood epilepsy
Maha Nada, Ain Shams University, Egypt

Title: Tanakan (EGB 761®): New therapeutic possibilities in neurorehabilitation
Saule T Turuspekova, KazNMU, Kazakhstan

Networking & Refreshments Break

Title: The molecular basis of the neurotrophic action of vitamin B_{12} (Cobalamin)
Giuseppe Scalabrino, University of Milan, Italy

Young Researcher's Forum

Title: Studying the effectiveness of venlafaxine in mice model of posttraumatic stress disorder
Natalia Malikowska, Jagiellonian University Medical College, Poland

Title: Developmental and adult expression of the GPR88: Establishment of its interaction with nuclear partner proteins in the cerebral cortex
Florian Rebeillard, Université Paris Descartes, France

Lunch Break

Panel Discussion

Awards & Closing Ceremony