7th Global Experts Meeting on
Neuropharmacology
July 31-August 02, 2017  Milan, Italy
Day 1  July 31, 2017

08:00-09:00  Registrations

Spiga+S. Andrea

09:00-09:25  Opening Ceremony

**Keynote Forum**

09:25-09:30  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

10:00-10:30

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 11:00-11:15 @ Garden Bar Floor-1

11:15-11:45

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

11:45-12:05

Title: Fast direct neuronal signaling via the IL-4 receptor reverses disease severity in progressive neuroinflammation

Christina Francisca Vogelaar, Johannes Gutenberg University Mainz, Germany

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

12:05-12:25

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

12:25-12:45

Lunch Break 13:05-13:45 @ Restaurant-Ground Floor

13:45-14:30

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

14:30-14:50

Title: Thalamocortical circuit in sleep control: The thalamic mGluR1-PLCβ4 pathway is critical in sleep architecture

Eunji Cheong, Yonsei University, South Korea
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<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>14:50-15:10</td>
<td>Inhibition of signal transducer and activator of transcription 3 (STAT3) reduces neonatal hypoxic-ischemic brain damage</td>
<td>Mariya Hristova, University College London, UK</td>
<td>University College London, UK</td>
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<td>15:10-15:30</td>
<td>Can tau pathobiology be phenocopied in a cellular expression model?</td>
<td>Joel B Schachter, Merck Research Laboratories, USA</td>
<td>Merck Research Laboratories, USA</td>
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<td>15:30-15:50</td>
<td>Nanodelivery of cerebrolysin induces neuroprotection in Parkinson's disease</td>
<td>Aruna Sharma, Uppsala University, Sweden</td>
<td>Uppsala University, Sweden</td>
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<tr>
<td>16:05-16:25</td>
<td>Psychobiotic PS128 rescued motor deficits in MPTP-induced mice model</td>
<td>Ying-Chieh Tsai, National Yang-Ming University, Taiwan</td>
<td>National Yang-Ming University, Taiwan</td>
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<td>16:25-16:45</td>
<td>Therapeutic strategies for the Parkinson's patient with Alzheimer's changes: The benefits of art, structure and nutrition</td>
<td>Elizabeth K Barber, Barber Innovations LLC, USA</td>
<td>Barber Innovations LLC, USA</td>
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<td>16:45-17:05</td>
<td>Oral treatment with sphingosine-1-phosphate receptors modulator prevents Parkinson symptoms concomitantly to reduced brain inflammation in MPTP mouse models</td>
<td>Michel CYR, University of Trois-Rivieres, Canada</td>
<td>University of Trois-Rivieres, Canada</td>
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**Panel Discussion**

**Day 2 August 01, 2017**

**Keynote Forum**

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<tr>
<td>09:25-09:30</td>
<td>Novel paradigm of the development of preclinical diagnosis of Parkinson's disease</td>
<td>Michael V Ugrumov, Institute of Developmental Biology RAS, Russia</td>
<td>Institute of Developmental Biology RAS, Russia</td>
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<td>09:30-10:00</td>
<td>Initial studies on neuroimmune biology</td>
<td>Istvan Berczi, University of Manitoba, Canada</td>
<td>University of Manitoba, Canada</td>
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<td>10:00-10:30</td>
<td>Molecular mechanism and intervention studies of regenerative mossy fiber</td>
<td>Ni Hong, Soochow University, China</td>
<td>Soochow University, China</td>
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**Special Session**

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<tr>
<td>11:15-11:45</td>
<td>PARP1 dependent long-term memory acquisition</td>
<td>M Cohen-Armon, Tel-Aviv University, Israel</td>
<td>Tel-Aviv University, Israel</td>
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**Poster Presentations 12:45-13:15 @ Conference Hall**

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

| NPC-001 | Can we target amino acid metabolism to affect brain tumor growth?                        | Eduard H Panosyan, LAbioMed/Harbor-UCLA, USA | LAbioMed/Harbor-UCLA, USA |
| NPC-002 | In vitro effects of newly derivatives of caffeine-8-a-methyl thioglycolic acid on neuroblastoma cell line SHSY5Y | Alexandra Kasabova, Medical University-Sofia, Bulgaria | Medical University-Sofia, Bulgaria |
| NPC-003 | In vitro effects of new caffeine derivatives on isolated rat synaptosomes                 | Borislav Angelov, Medical University-Sofia, Bulgaria | Medical University-Sofia, Bulgaria |
| NPC-004 | 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 | 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 benfotiamin, pyridoxine and cyanocobalamin  
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-008**  
**Title:** Therapeutic effects of beta-D-mannuronic acid (M2000) on experimental model of Alzheimer’s disease  
Abbas Mirshafiey, Tehran University of Medical Science, Iran

**NPC-009**  
**Title:** The effect of D-aspartate in experimental model of multiple sclerosis  
Parvin Ekhtiari, Tehran University of Medical Science, Iran

**NPC-010**  
**Title:** KATP channel activation induces angiogenesis *in vitro* and *in vivo*  
Bukar Umaru, University of Maiduguri, Nigeria

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

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**Lunch Break 13:15-14:00 @ Restaurant-Ground Floor**

**Sessions:**  
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

**Session Introduction**

**14:00-14:20**  
**Title:** Deep brain stimulation for uncontrollable aggressive behaviour: The benefit beyond our expectations  
Oscar Bernal-Pacheco, Instituto Roosevelt, Colombia

**14:20-14:40**  
**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

**14:40-15:00**  
**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

**15:00-15:20**  
**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

**15:20-15:40**  
**Title:** The effects of combination treatment with PME-88 and riluzole on the ALS mouse model  
Hyo Joon Kim, Penn Presbyterian Medical Center, USA

**15:40-16:00**  
**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

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**Networking & Refreshments Break 16:00-16:15 @ Garden Bar Floor-1**

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

**Session Introduction**

**16:15-16:35**  
**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
16:35-16:55 Title: A major early driver of tauopathy and neurodegeneration that is blocked by antibody
Koorosh Shahpasand, Royan Institute for Stem Cell Biology and Technology, Iran

16:55-17:15 Title: Emotional empathy and cognitive styles in psychodynamic group therapy: UAE experience
Hala Fakhiry, Cairo University, Egypt

**Young Reseacher's Forum**

17:15-17:30 Title: Activated M2 phenotype microglia induce differentiation and polarization of monocyte and chemo-atraction in *in vitro* system
Yeonsung Han, Yonsei University, South Korea

17:30-17:45 Title: The antiangiogenic activities of *Synanthedon tipuliformis* sexual pheromone on chorioallantoic membrane
Zeynab-Sadat Payambarpour, Shahed University, Iran

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**Day 3 August 02, 2017**

**Spiga+S. Andrea**

**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**

09:30-09:50 Title: Characterization of non-active site, TrkA selective kinase inhibitors and implications on obtaining kinase selectivity
Hua P Su, MSD Research Labs, USA

09:50-10:10 Title: Treatment with selenium in restless legs syndrome
Jan Ulfberg, Capio Sleep Center, Sweden

10:10-10:30 Title: Combination brexpiprazole and aripiprazole long-acting injectable therapy for treatment-resistant schizophrenia
Mathew Nguyen, Meridian Behavioral Healthcare, USA

10:30-10:50 Title: New sole presentation for childhood epilepsy
Maha Nada, Ain Shams University, Egypt

10:50-11:10 Title: Tanakan (EGb 761®): New therapeutic possibilities in neurorehabilitation
Saule T Turuspekova, KazNMU, Kazakhstan

**Networking & Refreshments Break 11:10-11:25 @ Garden Bar Floor-1**

11:25-11:45 Title: The molecular basis of the neurotrophic action of vitamin B₁₂ (Cobalamin)
Giuseppe Scalabrino, University of Milan, Italy

11:45-12:05 Title: Neuropsychology of frontotemporal dementia of alternative subcortical variant (a case analysis)
Juan Camilo Urazan, Universidad Manuela Beltran, Colombia

12:05-12:25 Title: Case summary
Ayush Dubey, Sri Aurobindo Medical College, India

**Young Reseacher's Forum**

12:25-12:40 Title: Studying the effectiveness of venlafaxine in mice model of posttraumatic stress disorder
Natalia Malikowska, Jagiellonian University Medical College, Poland

12:40-12:55 with nuclear partner proteins in the cerebral cortex
Florian Rebeillard, Université Paris Descartes, France

**Lunch Break 12:55-14:00 @ Restaurant-Ground Floor**

**Panel Discussion**

**Awards & Closing Ceremony**