



# SiNAPSA Neuroscience Conference '07

*Ljubljana, Slovenia, October 5-7, 2007*

SiNAPSA Neuroscience Conference is an international event aimed at providing the neuroscientists in Slovenia and neighbouring countries with an opportunity to present their research interests and endeavours and possibly set up new regional collaboration. A particular emphasis is paid to multidisciplinary research and to the promotion of open scientific communication among junior researchers. The conference will include invited lectures, oral symposia, poster sessions and a round table. The call for symposia proposals as well as call for abstracts are still open. The programme committee welcomes contributions from all fields of neuroscience including but not limited to basic neurobiology (including molecular neurobiology, neurochemistry and animal model work), developmental and adult neurology, psychiatry, psychology, cognitive science and cognitive neuroscience.

The Conference will be accompanied by an **Educational Workshop on Executive Brain Function** primarily designed for psychiatry and neurology residents and clinical psychologists in training, others are however welcome to attend. Both events are sponsored by IBRO and a number of travel grants are available for students from underprivileged regions.

## Registration

There is no registration fee, however all the participants are required to register. Please register online by Friday September 28<sup>th</sup>.

## Available travel grants

Up to 10 individual travel grants will be awarded to graduate students from underprivileged regions actively participating at the Conference.

## Important dates

Poster abstract submission deadline is August 15<sup>th</sup>, 2007.

Both workshop and conference travel award application deadlines are September 5<sup>th</sup>, 2007.

## Further information

For further information please refer to web page: <http://www.sinapsa.org/S07/> or email at: [sinapsa@email.si](mailto:sinapsa@email.si)

## Organizers and financial support

The conference is organized by SiNAPSA, Slovenian Neuroscience Association, and Medical Faculty, University of Ljubljana. It is financially supported by CEERC IBRO (Central and Eastern European Regional Committee of the International Brain Research Organisation), IBRO Symposia and Workshop Funding Programme, and Slovenian Research Agency (ARRS).



## Invited plenary lectures

Neural-immune dialogue in sleep disorders  
*Marina Bentivoglio*

Multidisciplinary studies of brain, cognition, and behavior  
*Apostolos P. Georgopoulos*

From gene expression to extracellular matrix in synaptic plasticity, learning and memory  
*Lezsek Kaczmarek*

Elements of a neurobiological theory of hippocampus function in memory  
*Richard Morris*

New imaging studies in neurodegeneration  
*Richard Frackowiak*

Deep brain stimulation for movement disorders, clinical experience and future prospects  
*Evžen Ružička*

## Thematic symposia

Cognitive neuroscience  
*Johannes Sarnthein, Ole Jensen, Charles R. Yang, Zvezdan Pirtošek, Grega Repovš*

Amyloidogenic proteins aggregation and toxicity I: Molecular mechanisms  
*Eva Žerovnik, Andrej Vilfan, Slavko Čeru, Gabriella Viero*

Amyloidogenic proteins aggregation and toxicity II: Cellular studies  
*Robert Layfield, Gerd Multhaup, Luisa Benussi, Nataša Kopitar Jerala, Veronica Stoka*

Alzheimer's disease and other dementias: From cell, through animal models to clinics  
*Boris Rogelj, Salvador Soriano, Declan McLoughlin, Nina Mohorko, Lojze Šmid*

Early brain damage and plasticity of the impaired brain  
*Markus Wolff, Metka Derganc, Zvonka Rener Primec, Damjan Osredkar, David Gosar, Tina Bregant*

## Neurodegeneration

*Jean Pierre Olie, Maja Trošt, Samo Ribarič, Blaž Koritnik*

Evoked cerebral blood flow in patients with carotid disease  
*Bojana Žvan, Marjan Zaletel, Zoran Milošević, Senta Frol, Sergio Mofardin, Alenka Sever*



## *Educational Workshop on* **Executive Brain Function**

*A satellite event to SiNAPSA Neuroscience Conference '07*  
*Ljubljana, Slovenia, October 5-7, 2007*

Educational Workshop on Executive Brain Function is a full day satellite event to SiNAPSA Neuroscience Conference '07. It will take place on Saturday, October 6th. The Workshop is primarily designed for psychiatry and neurology residents and clinical psychologists in training, but undergraduate students of medicine and psychology, and other students and interested professionals are welcome to attend.

The Workshop will cover a wide array of topics related to executive brain function including theoretical basis, research endeavors, overview of disorders affecting executive brain functions, clinical diagnostic, cognitive rehabilitation strategies, as well as basics of neuroprotection, neuronal plasticity and regeneration. Additional part of the Workshop will consist of presentations of case reports for which the participants are invited to prepare short (5 min) contributions to be considered for presentation and discussion.

There will be **no registration fee** for the Workshop. However, accepted participants are **requested to register** for the event **by September 28th**. If the case that the interest in the Workshop exceeds available space, applicants that registered first and those with awarded travel grants will be given priority. Confirmation letters will be sent by **September 10th**.

For all the visiting participants from abroad, the organizers are willing to assist in providing affordable accommodation in Ljubljana. In addition a number of travel grants will be awarded to students and young residents coming from underprivileged regions in Europe and beyond. The grants will cover economy travel and budget accommodation in Ljubljana. To apply for a travel grant, please fill the online form provided at <http://www.sinapsa.org/S07/Workshop.php>. With your application please include: a letter explaining why you would like to participate at the Workshop, an abstract for a poster presentation to be presented at the conference, curriculum vitae including a list of publications, and a letter of recommendation written by a supervisor, including contact e-mail address. To be considered for a travel grant, the application must be submitted **by September 5th**. Travel grant awards will be announced by **September 10th**.

Web resources will be used to provide workshop-related materials for the participants in advance of the event, and as their repository after the event. An interactive forum will be set up that will enable communication and discussion among the participants and with the lecturers. Accepted applicants will receive a username and password for accessing the forum in the acceptance e-mail.

### **Further information:**

For further information please refer to web page: <http://www.sinapsa.org/S07/Workshop.php> or email at: [sinapsa@email.si](mailto:sinapsa@email.si)

### **Organizers and financial support**

The Workshop is organized by SiNAPSA, Slovenian Neuroscience Association, and Medical Faculty, University of Ljubljana and in collaboration with Association for Neuropsychology and Cognitive Neurology. The Workshop is financially supported by IBRO Symposia and Workshop Funding Programme.



### **Preliminary programme**

- 1/ Basics
  - Overview of executive processes
  - Neuroanatomy and neurophysiology of prefrontal cortex
  - Evolutionary dimensions of executive functions
- 2/ Disorders
  - Executive dysfunction in neurological disorders
  - Executive dysfunction in psychiatric disorders
- 3/ Clinics
  - Neuropsychological examination
  - Clinical examination and bedside testing
- 4/ Case reports
  - Open for paper proposals
- 5/ Research and frontiers
  - Cognitive neuroscience research of complex cognitive abilities
  - Imaging cognitive function in health and disease
  - Inhibition of dominant response tendencies in schizophrenia
  - Neuroprotection, plasticity and regeneration
  - Cognitive rehabilitation
- 6/ Historical corner