

**FENS Featured Regional Meeting**

**NEUROSCIENCE  
IN PRAGUE**

**11–14 September 2013**

**Prague, Czech Republic**



**SECOND ANNOUNCEMENT**

## WELCOME MESSAGE

Dear colleagues,

On behalf of the three organising societies, it is a great pleasure to announce the FENS Featured Regional Meeting, which will take place in Prague in September 2013.

The Meeting will be held at the Prague Congress Centre. It is ideally located near the city centre on the Prague metro system, only a short 10 minute trip from downtown, and enjoys a panoramic view of Prague Castle and the historical city centre.

Prague has a long and outstanding tradition in the arts and sciences. Charles University, the oldest in Central Europe, was founded by the Roman Emperor and King of Bohemia Charles IV in 1348. Within the confines of this University, Czech neuroscience was born with the fundamental discoveries of Jan Evangelista Purkyně. Prague remains a centre of excellence in neuroscience, represented by a multitude of research institutes and university departments.

We look forward to welcoming you to Prague, where you will find exciting science and a rewarding cultural experience.



**Eva Syková**  
President of the Czech Neuroscience Society

## ORGANISED BY

**Czech Neuroscience Society (CNS)**  
**Slovak Society for Neuroscience (SSN)**  
**Austrian Alzheimer Society (AAS)**

## INTERNATIONAL PROGRAMME COMMITTEE

### **Eva Syková - Chair (CZ)**

Dušan Dobrota (SK)  
Ole Kiehn (FENS)  
Richard Kvetňanský (SK)  
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Ladislav Vyklický, Jr. (CZ)  
Manfred Windisch (AT)  
Martine Ammassari-Teule (FENS)  
Ferdinando Rossi (FENS)

## MEETING VENUE

### **Prague Congress Centre**

5. května 65, Prague 4, Czech Republic  
[www.kcp.cz](http://www.kcp.cz)

## MEETING SECRETARIAT

### **GUARANT International**

Na Pankráci 17, Prague 4, Czech Republic  
Tel: +420 284 001 444  
E-mail: [fensrmp Prague@guarant.cz](mailto:fensrmp Prague@guarant.cz)

## CALL FOR ABSTRACTS

The International Programme Committee invites all interested individuals to submit an abstract to be considered for inclusion in the scientific programme.

The deadline for online abstract submission is  
**March 31, 2013.**

## REGISTRATION AND ACCOMMODATION

Online registration and accommodation forms are available at the Meeting website.

The early registration deadline is **March 31, 2013.**

## STIPENDS

Stipends for qualified young researchers offered by FENS and FENS member societies are available for students. Deadline for application is **March 31, 2013**.

## TRAINING SCHOOLS

Three training schools for students will be held from **9-11 September** and will include following topics:

- Electrophysiological and imaging methods to study the properties of neurons and glia
- Auditory neuroscience
- Stem cells and biomaterials in regenerative medicine

## PLENARY LECTURES

### Defined responses of microglia in different diseases

Helmut Kettenmann

*Max Delbrück Center for Molecular Medicine  
Berlin, Germany*

### Targeting the extracellular matrix to repair the damaged nervous system

James W. Fawcett

*Cambridge University Centre for Brain Repair  
Cambridge, UK*

### The neural circuits underlying active somatosensation

Karel Svoboda

*Janelia Farm Research Campus, Howard Hughes  
Medical Institute  
Ashburn, USA*

### Neuropathology of neurodegenerative diseases: past, present and future

Irina Alafuzoff

*Uppsala University  
Uppsala, Sweden*

## SYMPOSIA

### Developing therapies for treatment of the traumatized brain: stem cells and glia

James St. John, Australia – Chair

Eva Sykova, Czech Republic

Susan Barnett, UK

Francis Feron, France

### Neural stem cells and regeneration following stroke

Zaal Kokaia, Sweden – Chair

Tamara Roitbak, USA

Mathias Hoehn, Germany

Milos Pekny, Sweden

### Assembly, regulation and function of AMPA receptors at synapses and in neural circuits

Christian Wozny, Germany – Chair

Ingo Greger, UK

Nikolaj Klöcker, Germany

Valentin Nägerl, France

### Neuroinflammation and pain

Jiri Palecek, Czech Republic – Chair

Michel Pohl, France

Michaela Kress, Austria

Marzia Malcangio, UK

### Functional consequences of sensory loss and restoration

Stephen Lomber, Canada – Chair

Andrej Kral, Germany

Brigitte Roeder, Germany

Amir Amedi, Israel

### Signalling in neuronal-glia network

Vladimir Parpura, USA – Chair

Govindan Dayanithi, Czech Republic

Dmitry Rusakov, UK

Sergei Kirischuk, Germany

### Adenosine based therapies in Parkinson's disease

Kjell Fuxe, Sweden – Chair

Michael Schwarzschild, USA

Micaela Morelli, Italy

Peter Jenner, UK

### Neurotrophic support of the midbrain dopaminergic system

Edgar R. Kramer, Germany – Chair

Kerstin Kriegelstein, Germany

Mart Saarma, Finland

Jose Lopez-Barneo, Spain

### Neuroglia in neurodegeneration

José Julio Rodríguez Arellano, Spain – Chair

Alexei Verkhratsky, UK

Mami Noda, Japan

Michael Heneka, Germany

### **Multileveled regulation of cholinergic signaling**

Hermona Soreq, Israel – Chair  
Jerrel Louis Yakel, USA  
Andres Villu Maricq, USA  
Marco Prado, Canada

### **Allosteric modulation of ligand-gated ion channels**

Hana Zemková, Czech Republic – Chair  
Neil Millar, UK  
Werner Sieghart, Austria  
Joseph Lynch, Australia

### **Presynaptic NMDA receptors and plasticity**

Ole Paulsen, UK – Chair  
Antonio Rodriguez-Moreno, Spain  
Per Jesper Sjostrom, Canada  
Thomas Nevian, Switzerland

### **Regulation of NMDA receptor function: from assembly to synapses and memory**

Ladislav Vyklicky, Czech Republic – Chair  
Nathalie Sans, France  
Hilmar Bading, Germany  
Rolf Sprengel, Germany

### **Molecular genetic aspects of neuro-endocrine-immune interactions under stress**

Richard Kvetnansky, Slovak Republic – Chair  
James P. Herman, USA  
Rita J. Valentino, USA  
Boris Mravec, Slovak Republic

### **Novel roles of neuronal auxiliary calcium channel subunits**

Jutta Engel, Germany – Chair  
Annette Dolphin, UK  
Gerald Obermair, Austria  
Alexandre Favereaux, France

### **Diversity of pathways of gliotransmission**

Yuriy Pankratov, UK – Chair  
David Spray, USA  
C. Justin Lee, Korea  
Arthur Butt, UK

### **Neuroinflammatory signature of Alzheimer's disease brain**

Michal Novak, Slovak Republic – Chair  
Richard M. Ransohoff, USA  
Jari Koistinaho, Finland  
Wolfgang Streit, USA

### **Plasticity of the sensory systems during the developmental critical period and in adulthood**

Josef Syka, Czech Republic – Chair  
Marlies Knipper, Germany  
Michael Merzenich, USA  
Mriganka Sur, USA

## **SPECIAL INTEREST SESSIONS**

**Neuroethics** – sponsored by The European Dana Alliance for the Brain

**Memorial Session in Honour of Jan Bureš** – sponsored by the European Brain and Behaviour Society

**Advocacy** – sponsored by the Communication Committee of FENS

**Network of European Neuroscience Schools (NENS)** – organised by the NENS Committee of FENS

**CARE Lectures** – organised by the FENS Committee on Animals in Research (CARE)

**IBRO Alumni Lecture** – sponsored by the IBRO Alumni Committee

**History of Neuroscience Social** – sponsored by the History Committee of FENS

[www.fensrmprague2013.com](http://www.fensrmprague2013.com)