

FENS Featured Regional Meeting

NEUROSCIENCE IN PRAGUE

11-14 September 2013
Prague, Czech Republic



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

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MEETING VENUE

Prague Congress Centre
5. května 65, Prague 4, Czech Republic
www.kcp.cz

MEETING SECRETARIAT

GUARANT International
Na Pankráci 17, Prague 4, Czech Republic
Tel: +420 284 001 444
E-mail: fensrmprague@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.**

SECOND ANNOUNCEMENT

www.fensrmprague2013.com

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 Paleček, 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 Krieglstein, 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 Sjöstrom, 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