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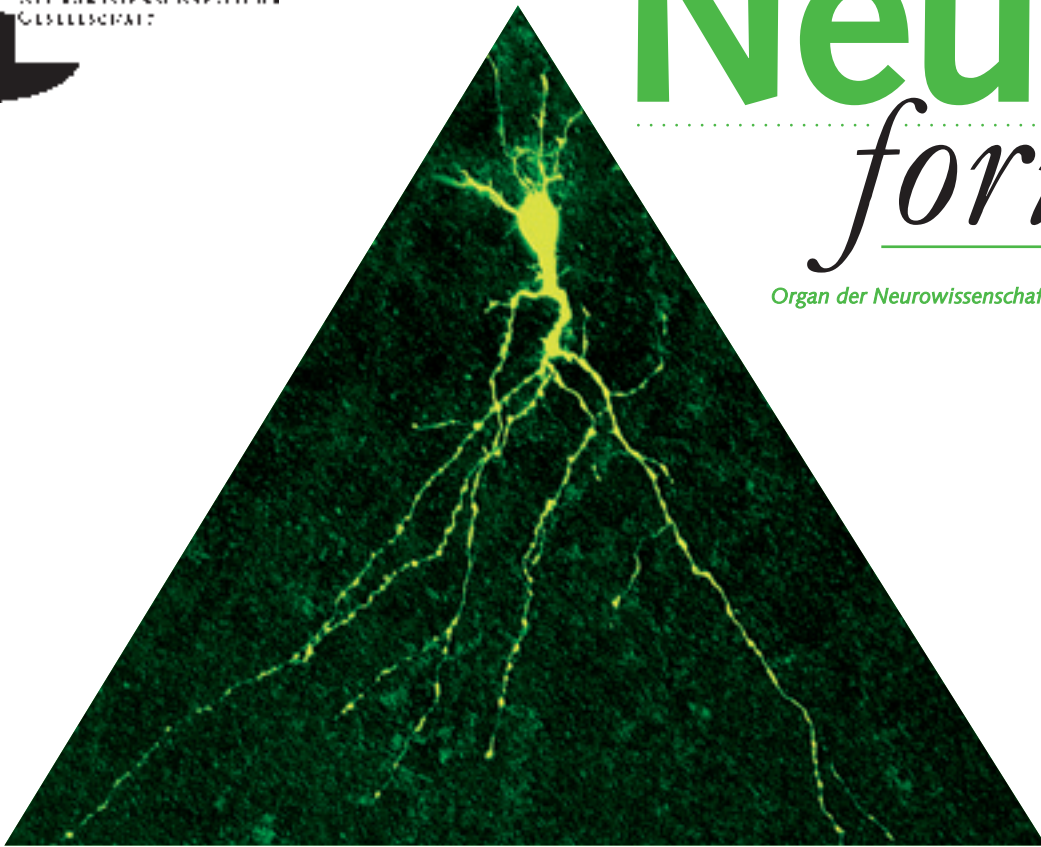
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Perspektiven der Hirnforschung



Neuro forum

Organ der Neurowissenschaftlichen Gesellschaft



Adulte Neurogenese im Hippokampus

Mechanismen und Bedeutung der oxidativen Glutamatoxizität

Metabolische Regulation und neuronale Aktivität: Wie Hunger mobil macht

Neuroendokrine Kontrolle des Energiestoffwechsels

Call for Abstracts

Seventh Göttingen Meeting of the German Neuroscience Society

March 29 – April 1, 2007

Main Speakers

- ▶ **Niels Birbaumer (Tübingen, Germany)**
Breaking the Silence:
Brain-Computer-Interface Research and Paralysis
- ▶ **Benedikt Grothe (Munich, Germany)**
New Concepts in Sound Localization –
Inhibition Matters
- ▶ **Uwe Heinemann (Berlin, Germany)**
Mechanisms of Memory Consolidation
in the Hippocampal Formation
(Otto Creutzfeldt Lecture)
- ▶ **Hans Lassmann (Vienna, Austria)**
Success and Failure of Translational Research:
The Example of Multiple Sclerosis
- ▶ **Gilles Laurent (Pasadena, USA)**
Population Dynamics and Synaptic Connectivity
in Circuits for Olfactory Learning
(Ernst Florey Lecture)
- ▶ **Rodolfo Llinas (New York, USA)**
Intrinsic Electrical Properties of Neurons:
Their Role in Global Brain Function
(Roger Eckert Lecture)
- ▶ **Christoph Niehrs (Heidelberg, Germany)**
Molecular Regulation of Wnt/ β -Catenin
Signaling in Antero-Posterior Axial Patterning

Symposia

- ▶ **Active Sensing: How Nervous Systems Explore the External World**
- ▶ **Brain Tumors**
- ▶ **Cannabinoids and the Nervous System: Different Views on Multiple Actions**
- ▶ **Cell Intrinsic Mechanisms in the Regulation of Neural Development**
- ▶ **Compositionality: Neuronal Basis of Complex Behavior**
- ▶ **Computational Models of Vision**
- ▶ **Do We Know What the Early Visual System Computes?**
- ▶ **Experience-Induced Plasticity in the Olfactory Pathway: From Single Neurons to Neural Odor Representation**
- ▶ **Functional Role of Nucleotide Signaling in the Nervous System**
- ▶ **Gene Silencing by RNA Interference in Models of De- and Regeneration**
- ▶ **Generating Rhythmic Movement: From Microcircuits to Complex Motor Programs**
- ▶ **Genetics and Molecular Mechanisms of Parkinson's Disease**
- ▶ **Glia Development: Molecular Control of Specification, Migration, Differentiation and Myelination of Oligodendrocytes and Schwann Cells**
- ▶ **Microglia: Role in Neurodegeneration and Repair**
- ▶ **Molecular Aspects of Synapse Function and Dysfunction in the Mammalian Brain**
- ▶ **Neuronal Dendrites: Synaptic Function, Plasticity and Information Processing**
- ▶ **Olfactory Development: Common Principles and Differences across Phyla**
- ▶ **Real-Time Voltage-Sensitive Dye Imaging of Cortical Network Activities across Sensory Modalities**
- ▶ **Recent Advances in the Use of Cell Penetrating Peptides**
- ▶ **Spatial Cognition: From Rodents to Humans**
- ▶ **Structure and Function of the Vertebrate Retina**
- ▶ **Synchronization of Circadian and Neuronal Oscillators**
- ▶ **The Cortical Nerve Impulse**
- ▶ **The Drosophila NMJ: Unravelling Principal Mechanisms of Synapse Formation, Function and Plasticity**

Chaired by Prof. Dr. Kerstin Kriegelstein
and Prof. Dr. Klaus-Peter Hoffmann

Abbildg: Guido Hübner, Freiburg

Homepage: <http://www.neuro.uni-goettingen.de>

<http://nwg.glia.mdc-berlin.de>

Deadline: October 1, 2006

Registration and Abstract Submission

The Deadline for submission of poster abstracts and registration is October 1, 2006. For abstract submission and registration please visit the meeting's website: <http://www.neuro.uni-goettingen.de>

Local Organization / Exhibition

Prof. Dr. Kerstin Kriegelstein
Georg-August Universität
Abteilung Neuroanatomie
Kreuzberg 36
D-37075 Göttingen
Phone: +49 551 39 7052
Fax: +49 551 39 14016
eMail: nbc@uni-goettingen.de

Stipends

The German Neuroscience Society provides stipends for young qualified investigators. The deadline for application is October 1, 2006.

- Please send the application including
- ▶ short CV
 - ▶ copy of the abstract
 - ▶ list of publications
 - ▶ letter of recommendation from a senior scientist
- to
Neurowissenschaftliche Gesellschaft e.V.
(Geschäftsstelle)

Neurowissenschaftliche
Gesellschaft e.V.
Geschäftsstelle
Meino Alexandra Gibson
Max Delbrück Center for
Molecular Medicine
Robert Roessle Str. 10
D-13125 Berlin
Phone: +49 30 9406 3336
Fax: +49 30 9406 3819
eMail: gibson@mdc-berlin.de

