



2008 Pre-Meeting Workshop

Saturday, March 1, 2008

8:15 am – 5:00 pm Hyatt Regency San Antonio, Texas

Glial-Neuronal Interactions: Cutting Edge Approaches to Modeling CNS Function & Disease

The workshop will discuss cutting edge technologies and new model systems (in vivo and in vitro) for identifying glial-neuronal interactions that support neuronal function in the healthy CNS, but that go awry and contribute toward CNS dysfunction during neuroinflammation and neurodegeneration. The speakers will illustrate how these model systems are expanding our views on the dynamic nature of cell-cell interactions and the consequences of these interactions for CNS function in health and disease.

Lunch will be provided to facilitate interactions between speakers and workshop registrants. Registrants will receive a program booklet with abstracts and the contact information of the workshop registrants. The atmosphere of the workshop will be relaxed to encourage questions from workshop registrants and to encourage their participation. Registrants will receive a program booklet with abstracts and the contact information of the speakers and workshop registrants.

8:15 a.m. to 8:30 a.m. — Welcome and Workshop Introduction: Monica J. Carson, PhD

Morning Session

8:30 a.m. — Glial-Neuronal Interactions: Detecting and Analyzing the Consequences

Presentation and discussion — The NIH view of Glial-Neuronal Interactions: Presentation and discussion of the new glial-focused NIH study sections and program initiatives”

Keynote Presentation: R. Douglas Fields, PhD: “Myelin: Plasticity beyond the synapse”

Coffee-Discussion Break

Richard Ransohoff, MD: “Neuron-microglial interactions”

Vlad Parpura, MD, PhD: “Tripartite synapse-astrocytic regulation of glutamate”

12:00 — 1:15 p.m. Lunch with speakers and workshop registrants included

Afternoon Session

1:15 p.m. — Glial-Neuronal Interactions: Applications to CNS Infectious Disease

Bruce Chesebro, MD: “Differing roles of microglial and astroglial prion protein expression in scrapie-induced neurodegeneration in retina and brain”

Ken Williams, PhD: “Monocytes and macrophages in the CNS, the role of myeloid cells in neuroAIDS”

Coffee-Discussion Break

Mario Philipp, PhD: “Glial Cells in the Pathogenesis of Lyme Neuroborreliosis”

Tammy Kielian, PhD: “Glial Responses to Staphylococcus aureus in the CNS”

4:45 p.m. Concluding Comments: Vlad Parpura, MD, PhD

Continued...



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Workshop Organizers: Monica Carson, Bruce Ransom, Vlad Parpura

Workshop Speakers

R. Douglas Fields, PhD
National Institutes of Health
NICHD

Ken Williams, PhD
Harvard Medical School
Beth Israel Deaconess Medical Center

Richard Ransohoff, MD
Neuroinflammation Research Center
Cleveland Clinic

Mario Philipp, PhD
Division of Bacteriology and Parasitology
Tulane National Primate Research Center

Vladimir Parpura, MD PhD
Department of Neurobiology
Center for Glial Biology in Medicine
U. of Alabama Birmingham

Tammy Kielian, PhD
Neurobiology & Developmental Sciences
University of Arkansas for Medical Sciences

Bruce Chesebro, MD
Rocky Mountain Laboratories
National Institutes of Allergy and Infectious Diseases

Monica J. Carson, PhD
Division of Biomedical Sciences
Center for Glial-Neuronal Interactions
U. of California Riverside
monica.carson07@asneurochem.org

Workshop Location

Hyatt Regency San Antonio
123 Losoya
San Antonio, TX

The deadline for the discounted group rate of \$160.00 at the San Antonio Hyatt is January 29.
Reservations call 210-222-1234 or go to: www.sanantonioregency.hyatt.com/groupbooking/amso2008

Register online at: <http://shop.asneurochem.org>

Registration Fee - \$100 per person - \$50 for Students/Post Docs

The Registration Fee includes Workshop Materials/Lunch/Breaks

For Additional Information call ASN: 407-909-9064

Check the ASN website for the full conference program - www.ASNeurochem.org