

American Society for Neurochemistry

The Latest in Molecular and Cellular Neurobiology

Call for Abstracts

42nd Annual Meeting, St. Louis, Missouri

March 19—23, 2011 • Hyatt Regency St. Louis Riverfront, St. Louis, Missouri
For hotel information and group rates, visit the ASN website.

On-line Abstract Submissions: Sep 01 — Oct 15, 2010
ASNeurochem.org

Join us for four days of symposia, colloquia and workshops designed to address the four major themes of our Society:

- Building the Nervous System
- Molecular and Cell Biology of the Nervous System
- Glial Cell Biology
- Neurodegeneration and Disease

Travel Grants/Awards

Special efforts have been taken to encourage Young Investigator participation. ASN travel awards are available and funding has been requested through NINDS for additional travel funds. Go to ASNeurochem.org for eligibility and submission requirements.

Pre-Meeting Workshop, Saturday Mar 19 — MicroRNAs: From Theory to Validation

Featured Plenary Speakers:



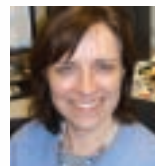
Hugo Bellen

Molecular Mechanisms of Vesicle Trafficking and Exocytosis



Maiken Nedergaard

Astrocyte Calcium Imaging and Diseases of the Central Nervous System



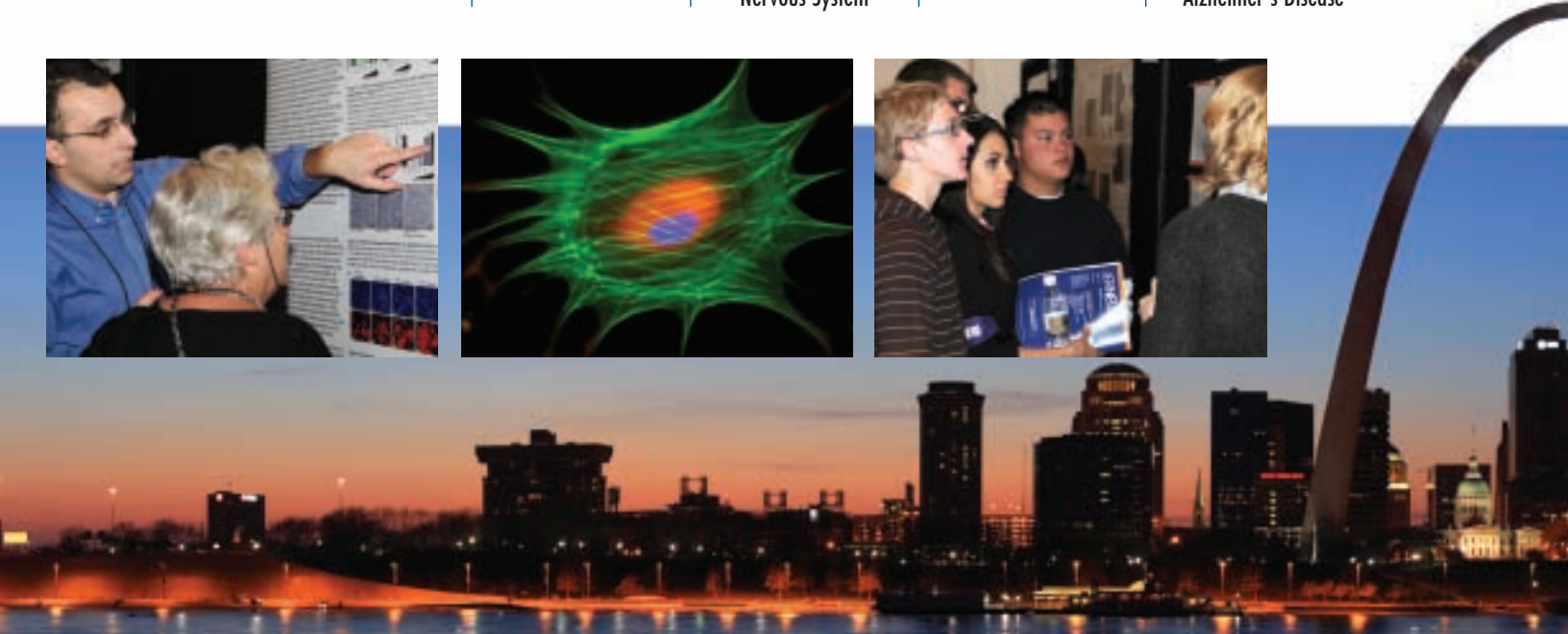
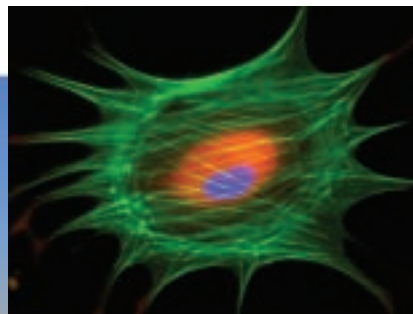
Sally Temple

Molecular and Cellular Specification of CNS Stem Cells



Lennart Mucke

Using Systems Biology to Tackle the Complexity of Alzheimer's Disease



Showcase Your Work at Conference Poster Sessions.

Up to 6 sessions will be developed from selected abstracts for oral presentations.

Symposia

What Governs the Life Path of mRNA to Build a Normal Brain?

Chair: Franca Cambi Co-Chair: Yue Feng

Astrocytes and Synaptic Plasticity

Chair: Philip Haydon Co-Chair: Helen Scharfman

Role of T cells in Injury and Repair during CNS Inflammation

Chair: Tammy Kielian Co-Chair: Emma Wilson

Oligodendrocyte Differentiation: How Oligodendrocytes Know When to Say When

Chair: Dana McTigue

Neurochemical Mechanisms of Spinal Plasticity

Chair: Gordon Mitchell Co-Chair: Tracy Baker-Herman

Abnormal Protein Kinase Activity in Neurodegenerative Diseases: Mechanisms and Relevant Pathogenic Targets

Chair: Gerardo Morfini Co-Chair: Daryl Bosco

Blood-Brain Barrier Dysfunction in Neurological Disease

Chair: Gary Rosenberg Co-Chair: Eduardo Candelario-Jalil

Biological role(s) of Glycosphingolipids in Myelin

Chair: Cara-Lynne Schengrund

Neuronal Membrane Remodeling in Neurite Extension, Neuroprotection and CNS Repair

Chair: Arthur Warrington Co-Chair: Allan Bieber

Functional Roles for P2 Nucleotide Receptors in the Central Nervous System

Chair: Gary Weisman

Jordi Folch-Pi Memorial Symposium

Targeting Fatty Acid Signaling in Neuroinflammation

Chair: Richard Bazinet

Marian Kies Memorial Colloquium

Microglia-synapse Interactions in Health and Disease

Chair: Dorothy Schafer

Bernard Haber Award

Developmental, Epigenetic and Environmental Mechanisms in Brain Dysfunction

Chair: Jean de Vellis Co-Chair: Cristina Ghiani

Colloquia

Oxidative/Nitrosative Stress: A Double-edged Sword in Neurodegenerative Diseases

Chair: Douglas Anthony Co-Chair: ZeZong Gu

Tailoring Therapies to Reality: The Relevance of Understanding Mechanisms of Degeneration in Lysosomal Deficiencies

Chair: Ernesto Bongarzone Co-Chair: Marc Sands

Genes and Pathways Involved in Parkinson's Disease Pathogenesis

Chair: Hans Büeler

Cellular Mechanisms that Regulate CNS Myelination and Remyelination

Chair: Holly Colognato Co-Chair: Adan Aguirre

Conventional and Non-conventional Endocannabinoid Targets for CNS Disorders

Chair: Andrea Giuffrida Co-Chair: Lance McMahon

Dorsal Signaling Systems in Oligodendrocyte Maturation During Development and Disease

Chair: Judith Grinspan

Control of Glial Differentiation by Transcriptional Network

Chair: Richard Lu

Molecular Mechanisms that Control Schwann Cell Development and Plasticity

Chair: Patrice Maurel Co-Chair: Haesun Kim

Protein Aggregation State and Disease-Related Bioactivity

Chair: Michael Nichols

New Insights into the Compartmentation of Glutamate Metabolism

Chair: Karen O'Malley Co-Chair: Mary McKenna

Autism, Neurochemistry and Animal Models

Chair: Thomas Seyfried

HIF-1: A Target for Neuroprotection in Stroke

Chair: Honglian Shi

Brain Metalloproteases in Degeneration and Regeneration: New Tools and Insights

Chair: Anthony Turner

Molecular Mechanisms of Cell Death and Plasticity after Stroke

Chair: Raghu Vemuganti Co-Chair: Gregory Konat

Physiological and Pathophysiological Signalling in Astroglial Circuits

Chair: Alex Verkhratsky

Neuroprotection Depends on Phosphatases: Roles of Estrogen and APOE

Chair: Michael Vitek

Autoimmune Mechanisms of Peripheral Neuropathies—Guillain-Barré Syndrome and Related Neurological Disorders

Chair: Robert Yu Co-Chair: Matthew Rasband

Workshops

Investigative Tools for Axonal Transport: Case Studies from the Student Files

Chair: Peter Baas Co-Chair: Subhojit Roy

The Quest for New Biomarkers: Omics Meet Neurology

Chair: Anne Boullerne

Tools for Integrative and Translational Neuroscience: Definitive Behavioral Assessments of Diverse Neuropathologies

Chair: Maria Gulinello Co-Chair: Regina Hanstein

Predoctoral and Postdoctoral Training Programs in Neuroscience

Chair: Steve Levison Co-Chair: Monica Carson

Viral Vectors in Neuroscience Research

Chair: Joy Snider

Scientific Chair:

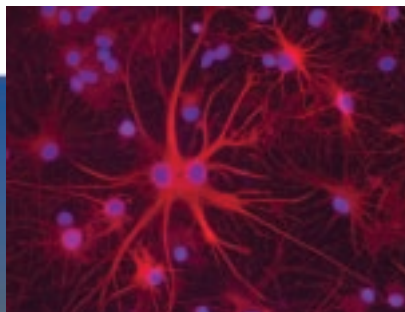
Sandra Hewett (University of Connecticut Health Center)

Host Chairs:

Grace Sun & Gary Weisman (University of Missouri - Columbia)

Michael Nichols (University of Missouri - St. Louis)

Jeff Giddy & Xianlin Han (Washington University - St. Louis)



For More Information & Meeting Updates
Go To: ASNeurochem.org