

40<sup>th</sup>

## Annual Meeting

Charleston,  
South Carolina  
March 7–11  
2009



On-Line Abstract Submissions:  
September 15–October 15, 2008  
ASNeurochem.org

Young Investigator  
Travel Grants

Jordi Folch-Pi Award

Marian Kies Award

Young Latin American  
Scholars Award

Travel Grant Deadlines:  
October 15, 2008

### Pre-Meeting Workshop

Spinal Cord Injury: Models and Realities  
*Candace Floyd & Dana McTigue*

### Public Forum

"Spinal Cord Injury Research: Implications for Treatment to Improve Function and Quality of Life"  
*Coordinators: Naren Banik and James Krause*

### Plenary Speakers

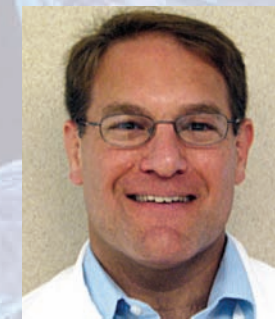
Gord Fishell



Amy Brooks-Kayal



Jack Parent



James Salzer



### Marian Kies Memorial Colloquium

The Cystine Glutamate Exchanger (system xc-) in Health and Disease  
*Birgit Fogal*

### Jordi Folch-Pi Symposium

PARP-1 at the Intersection of Brain Energetics, Inflammation, and Cell Death  
*Tiina Kauppinen*

### Symposia\*

- Fibroblast Growth Factor Function in Health and Disease  
*Rashmi Bansal & Flora Vaccarino*
- Role of Astrocytes in the Development and Plasticity of Neural Circuits  
*Beth Stevens*
- Emerging concepts of glioblastoma growth and new therapeutic opportunities  
*Swapan Ray*
- Understanding the origin of oligodendrocytes to promote endogenous remyelination  
*Boris Zalc*
- Molecular mechanisms of inflammatory demyelination  
*Roumen Balabanov & Brian Popko*

Continued

### Symposia\*

- Neonatal Seizures: Developmental Mechanism and Novel Therapeutic Strategies  
*Yogendra Raol*
- Raft conundrum: The role of membrane microdomains in the cell biology of neural cells  
*Ernesto Borganzone & Antonio Valencia*

### Colloquia\*

- Oxidative stress and inflammation in autism spectrum disorders  
*Abha Chauhan & Ved Chauhan*
- Extracellular Matrices and Neural Development  
*Holly Colognato & Michael Fox*
- From stem cell fate specification to gliogenesis, a view of transcription control  
*Richard Lu & Patrizia Casaccia-Bonnel*
- Regulation of NG2 cell differentiation in development and disease  
*Akiko Nishiyama*
- Neurotransmitters regulate neuronal and glial cell migration  
*Harald Sontheimer*
- Molecular Regulation of oligodendrocyte development  
*Tony Campagnoni*
- The Push-Me Pull-You of Neuronal-Immune System Crosstalk: Consequences of neuronal dysfunction and age  
*Monica Carson & Bonnie Dittel*
- Immune regulation of neural plasticity  
*Jonathan Kipnis*
- The role of the redox state (NAD<sup>+</sup>/NADH) for regulation of metabolic activity and gene expression  
*Arne Schousboe & Mary McKenna*
- Why the Brain Fails When the Liver Ails  
*Michael Norenberg & Roger Butterworth*
- Neurotoxicity or neuroprotection: The two sides of drug abuse action  
*Roger Sorensen & Diane Lawrence*
- Novel and contrasting roles for P2 receptors in neurological diseases and conditions  
*Doug Feinstein*
- Neurotrophin signaling-at-a-distance in neurons  
*Charles Howe*
- Mesenchymal stem cells in the setting of neuropathology  
*Richard Jones & Kristine Robinson*

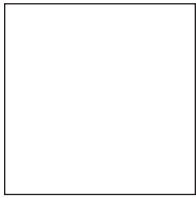
### Workshops\*

- Secreted signaling factors and myelination during development and disease  
*Judy Grinspan*
- Genetic Manipulation of Astrocytes for Functional Studies  
*Mike Brenner*
- Glial-Neuronal Interactions in Pain Generation  
*Joyce De Leo & Edgar Alfonso Romero-Sandoval*
- Single Molecule Detection Techniques for Studying Exocytosis  
*Vladimir Parpura*
- Molecular and Cellular Mechanisms of Alcoholism  
*Subhash Pandey & Antonio Noronha*
- Bugs on the brain: the CNS response to infection  
*Emma Wilson*
- Molecular Stroke Research: What is new?  
*Raghu Vemuganti & Keith Pennypacker*
- Predoctoral and postdoctoral training programs in Neuroscience  
*Steve Levison*

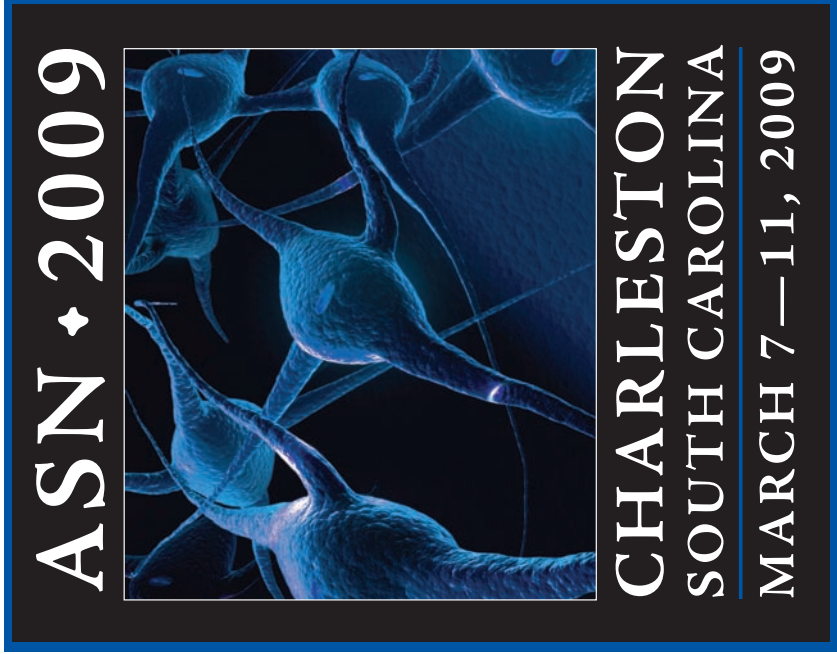
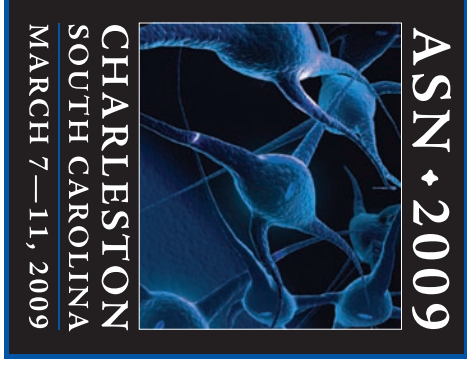
\*Session Chairs Only Listed



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