

Colloquia and Symposia Sponsored by ION (2009.01-2009.12)

Date	Name	Affiliations	Title
09-01-08	Josep Rizo	Professor, Dept. of Biochemistry, University of Texas Southwestern Medical Center, USA.	<i>Structural Insights into the Mechanism of Neurotransmitter Release.</i>
09-02-24	Sheng Li	Research Fellow, School of Psychology, University of Birmingham, UK.	<i>Study the human perception and decision systems with multimodal brain imaging.</i>
09-02-24	Hong Xu	Postdoctoral Fellow, Department of Neuroscience, Columbia University, USA.	<i>Probing cortical hierarchy with visual adaptation: low-level curve adaptation affects high-level facial expression judgments.</i>
09-02-25	Chris I. De Zeeuw	Professor, Netherlands Institute of Neuroscience.	<i>Creating coordination in the cerebellum and the role of artificial networks for brain machine interfacing (robotics).</i>
09-03-02	Linda Richards	Associate Professor, Queensland Brain Institute, The University of Queensland, Australia.	<i>Mechanisms regulating the development of the corpus callosum.</i>
09-03-02	Hao-Xing Xu	Assistant Professor, Department of Molecular, Cellular & Developmental Biology, University of Michigan, USA.	<i>The Mucolipin Transient Receptor Potential Proteins, I(r)on Channels in the Lysosome.</i>
09-03-05	John Waddington	Professor, Royal College of Surgeons in Ireland.	<i>Targeted deletion of dopamine receptor subtypes and genes associated with risk for psychosis: brain-behaviour relationships for neuropsychiatric disorders.</i>
09-03-20	Kozo Kaibuchi	Professor, Department of Cell Pharmacology, Nagoya University Graduate School of Medicine, Japan.	<i>Axon formation and polarized transport.</i>
09-03-24	Zi-Long Qiu	Postdoctoral Fellow, University of California, San Diego, USA.	<i>Transcriptional control of neural plasticity.</i>
09-04-03	Harold Kimelberg	Professor, School of Public Health Sciences, State University of New York at Albany, USA.	<i>Functions of mature mammalian astrocytes and the philosophical limits of the scientific method.</i>
09-04-09	Michael Coleman	Principal Investigator, The Babraham Institute, Cambridge, UK.	<i>Molecular regulation of Wallerian degeneration.</i>
09-04-11	Thomas Insel	Director, National Institute of Mental Health, National Institutes of Health, USA.	<i>Rethinking Mental Illness.</i>
09-04-14	Ming Guo	Assistant Professor, Department of Neurology, UCLA.	<i>Molecular Paths to Alzheimer's and Parkinson's disease.</i>

09-04-28	Bo Chen	Postdoctoral Fellow, Department of Genetics, Harvard Medical School, USA.	<i>HDAC4 regulates neuronal survival in normal and diseased retinas.</i>
09-04-28	Shi-Qing Cai	Research Teaching Specialist III, Department of Physiology & Biophysics, University of Medicine & Dentistry of New Jersey, USA.	<i>The Molecular Regulations and Physiological Roles of Potassium Channels.</i>
09-04-29	David Adams	President, Australian Physiological Society. Professor and Chair of Physiology, Queensland Brain Institute, University of Queensland, Australia.	<i>Analgesic conotoxins targeting neuronal nicotinic receptors or GABA-B receptors?</i>
09-04-30	Ron Stoop	Centre for Psychiatric Neuroscience (CNP), Dept. of Psychiatry and Physiology, Lausanne University Hospital, University of Lausanne	<i>Dissecting the fear response: Distinct circuits in the central amygdala underlie behavioral responses to oxytocin.</i>
09-05-22	Lucas Pozzo-Miller	Associate Professor, Department of Neurobiology, The University of Alabama at Birmingham, USA.	<i>BDNF actions on both sides of synapses: TRPC channels, MeCP2 and the cellular neuropathology of Rett syndrome.</i>
09-05-27	Charles Stevens	Professor, Molecular Neurobiology Laboratory, The Salk Institute, USA.	<i>The basic uniformity in structure of the neocortex, revisited.</i>
09-05-28	Charles Stevens	Professor, Molecular Neurobiology Laboratory, The Salk Institute, USA.	<i>What the primary visual cortex computes, and how it does it.</i>
09-06-05	Andrew J Parker	Professor, Dept. Physiology, Anatomy & Genetics, University of Oxford, UK.	<i>Cortical neurons sustain both task-relevant and decision-related neuronal signals across irrelevant, unpredictable changes in the sensory input.</i>
09-06-10	Le-Ping Cheng	Principal Investigator, Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences.	<i>Specification of neurotransmitter phenotypes in the dorsal spinal cord.</i>
09-06-11	James Q. Zheng	Professor, Department of Cell Biology, Emory University School of Medicine, USA.	<i>Cytoskeletal control of synaptic receptor trafficking.</i>
09-06-22	Hong-Jun Song	Associate Professor, Johns Hopkins University School of Medicine, USA.	<i>Activity-induced plasticity in the dentate gyrus of the adult hippocampus.</i>
09-06-22	Guo-Li Ming	Associate Professor, Johns Hopkins University School of Medicine, USA.	<i>Regulation of dentate granule cell development by DISC1.</i>
09-06-23	Kang Shen	Assistant Professor, Department of Biological Sciences, Stanford University, USA.	<i>Extrinsic and intrinsic regulators of synapse formation and axonal transport.</i>

09-06-29	Donald C. Lo	Associate Professor, Department of Neurobiology, Duke University Medical Center	<i>New "high-throughput biology" methods for drug discovery and translational neuroscience.</i>
09-07-01	Ji-Song Guan	Postdoctoral Fellow, The Picower Institute for Learning and Memory, Massachusetts Institute of Technology, USA.	<i>The role of chromatin remodeling in learning and memory - HdDAC2, a memory repressor.</i>
09-07-07	Ype Elgersma	Professor, Dept of Neuroscience, Erasmus MC University Hospital.	<i>Molecular mechanisms underlying mental retardation disorders.</i>
09-07-10	Jian Kang	Associate Professor, Dept. Cell Biology and Anatomy, New York Medical College, USA.	<i>Long-term facilitation of excitatory synaptic release by astrocytic vacuole-like vesicles.</i>
09-07-13	Bruce R. Ransom	Warren and Jermaine Magnuson Professor and Chair, Department of Neurology, University of Washington School of Medicine. Editor-in-Chief, GLIA	<i>The molecular pathophysiology of CNS white matter injury.</i>
09-07-13	Jean-Pierre Mothet	Principal Investigator, INSERM Unit 862 - Bordeaux, France.	<i>Uncovering the release machinery and the function of the gliotransmitter D-serine in the cerebral cortex.</i>
09-07-17	Marina Bentivoglio	IBRO Secretary General. Professor, University of Verona, Italy.	<i>Brain clocks in flame.</i>
09-07-31	Susan Ackerman	Investigator and Professor, Howard Hughes Medical Institute and The Jackson Laboratory, USA.	<i>Forward genetics reveals novel mechanisms of protein misfolding and neurodegeneration.</i>
09-08-17	Xia Zhang	Associate Professor, Departments of Psychiatry and Cellular & Molecular Medicine, Faculty of Medicine, University of Ottawa, Canada.	<i>A key role of astrocyte-mediated ventral tegmental LTD in cannabis addiction.</i>
09-08-20	Qing Richard Lu	Associate Professor, Department of Developmental Biology, UT Southwestern Medical Center, USA.	<i>Paving the axonal highway - a view of genetic and epigenetic control of CNS myelination.</i>
09-08-21	Lin Mei	Professor, Institute of Molecular Medicine and Genetics, Medical College of Georgia, USA.	<i>Synapse formation and plasticity: implications in muscular dystrophy and schizophrenia.</i>
09-08-31	Cheng-Yu Li	Postdoctoral Fellow, Department of Molecular & Cell Biology, Helen Wills Institute of Neuroscience, University of California, Berkeley, USA.	<i>Power of Individual & Wisdom of Majority - Global brain-oscillation modification by single-neuron burst-spiking & Synaptic-plasticity modulation by cortical slow-wave oscillation.</i>
09-09-02	Yi Zuo	Assistant professor, Department of Molecular Cell and Developmental Biology, University of California, Santa Cruz, USA.	<i>Imaging structural plasticity at synapses in the living brain.</i>

09-09-08	Bruce Alberts	Professor of Biochemistry and Biophysics, University of California, San Francisco; Editor-in-Chief, Science magazine.	<i>Biology past and biology future: where have we been and where are we going?</i>
09-09-11	Wei Chen	Associate Professor, Department of Neurobiology and Anatomy, University of Texas Health Science Center at Houston, USA.	<i>Olfactory Coding and Processing: A Dual-Layer Twister on Stage.</i>
09-10-14	Hans van der Steen	Associate Professor, Erasmus MC, Netherlands.	<i>Plasticity versus flexibility in visuomotor control.</i>
09-10-15	John R. Yates	Professor, Department of Chemical Physiology, The Scripps Research Institute, USA.	<i>Driving Biological Discovery Using Quantitative Mass Spectrometry.</i>
09-10-29	Sen Song	Postdoctoral Fellow, MIT, USA.	<i>Deciphering neural circuits.</i>
09-11-02	Peter Their	Professor and Director, Department Cognitive Neurology, Hertie Institute for Clinical Brain, University of Tübingen, Germany.	<i>The cerebellar basis of motor learning.</i>
09-11-03	Anirvan Ghosh	Stephen Kuffler Professor of Neurobiology, University of California San Diego, USA.	<i>Molecular Control of Synaptic Specificity.</i>
09-11-03	Yi-Min Zou	Associate Professor, University of California, San Diego, USA.	<i>Wnt and Cell Polarity Signaling Pathways in Growth Cone Guidance.</i>
09-11-03	Tomomi Shimogori	Unit Leader, RIKEN BSI, Japan.	<i>Development of the mammalian thalamus.</i>
09-11-12	Xiang-Lei Yang	Associate Professor, Department of Molecular Biology, The Scripps Research Institute, USA.	<i>How aminoacyl-tRNA synthetases are connected with neurological disorders.</i>
09-11-19	Jiyan Ma	Associate Professor, Department of Molecular and Cellular Biochemistry, Ohio State University, USA.	<i>Generating an infectious prion: searching the final prove of prion hypothesis.</i>
09-12-11	Xiaoliang Sunney Xie	Mallinckrodt Professor of Chemistry and Chemical Biology, Harvard University, USA.	<i>Life at the Single Molecule Level: Real Time Observation of Gene Expression and Regulation in a Living Cell.</i>
09-12-16	Brian B. RUDKIN	Université de Lyon, FRANCE.	<i>Peptide aptamers as precision tools for dissecting signaling pathways: application to Nerve Growth Factor signalling.</i>
09-12-18	Yi Zhong	Professor, Cold Spring Harbor Lab, USA.	<i>Towards a unified brain theory: Insights from studies of fly memory.</i>

ION Symposium on Molecular Neuroscience

Date: March 26, 2009 (Thursday)

Place: SIBS Lecture Hall, 320 Yue Yang Road

1. Qiang Sun (Professor, East China Normal University)
高效试管食蟹猴构建技术
2. Tian-le Xu (Principal Investigator, Institute of Neuroscience, CAS)
Acid-sensing ion channels: New multi-functional cationic ion channels and novel therapeutic targets.
3. Zhi-qi Xiong (Principal Investigator, Institute of Neuroscience, CAS)
Neuronal Development and Mental Retardation.
4. Zhi-gang He (Associate Professor, Harvard University)
Intrinsic mechanisms of axon regeneration.
5. Fan Wang (Assistant Professor, Duke University Medical Center)
Peripheral-derived signals orchestrate the formation of somatosensory circuit.
6. Guo-ping Feng (Associate Professor, Duke University Medical Center)
Synaptic and circuitry mechanisms of obsessive compulsive-like behavior in mice.
7. Shu-min Duan (Principal Investigator, Institute of Neuroscience, CAS)
Lysosome exocytosis in glial cells: physiological function and pathological relevance.
8. Aaron J. W. Hsueh (Professor, Stanford University)
Discovery of neuronostatin and other evolutionarily conserved brain/gut peptide hormones.
9. Zhen-ge Luo (Principal Investigator, Institute of Neuroscience, CAS)
The role of calpain and caspase-3 in synapse remodeling.
10. Mu-ming Poo (Senior Investigator, Institute of Neuroscience, CAS)
Antagonistic actions of cAMP and cGMP in neuronal polarization.

Mini Symposium on "Molecules and circuits: how do neurons know where to go and whom to contact?"

Date: November 3, 2009 (Tuesday)

Place: SIBS Lecture Hall, 320 Yue Yang Road

Title *Molecular Control of Synaptic Specificity.*

Speaker Anirvan Ghosh, Ph.D.
 Stephen Kuffler Professor of Neurobiology,
 University of California San Diego, USA.

Title *Wnt and Cell Polarity Signaling Pathways in Growth Cone Guidance.*

Speaker Yi-Min Zou, Ph.D.
 Associate Professor,
 University of California, San Diego, USA.

Title *Development of the mammalian thalamus.*

Speaker Tomomi Shimogori, Ph.D.
 Unit Leader,
 RIKEN BSI, Japan.

Host PI Prof. Mu-Ming Poo