

Colloquia and Symposia Sponsored by ION (2005.01-2005.12)

Date	Name	Affiliations	Title
05-01-13	Li-Lian Yuan	Assistant Professor, Department of Neuroscience, University of Minnesota, USA.	<i>Cellular excitability and synaptic plasticity in neuronal dendrites.</i>
05-02-21	Hollis T. Cline	Professor, Director of Research, Cold Spring Harbor Laboratory, USA.	<i>A Molecular and Cellular Analysis of Visual System Development in Xenopus.</i>
05-02-21	Ann-Shyn Chiang	Director and professor, Brain Research Center, National Tsing Hua University, Taiwan, China	<i>Mapping Memory Circuits in the Drosophila Brain.</i>
05-03-02	Xiao-Bing Yuan	Institute of Neuroscience, Chinese Academy of Sciences.	<i>Nerve Guidance and Neuronal Migration: Mechanisms for the Brain Circuit Formation</i>
05-03-22	Jens Rettig	Professor, Institute of Physiology, Saarland University, Germany.	<i>Molecular mechanisms of LDCV exocytosis in adrenal chromaffin cells.</i>
05-03-22	Nils Brose	Director and Scientific Member, Department of Molecular Neurobiology, Max-Planck-Institute for Experimental Medicine, Germany.	<i>The role of Neuroligins in synaptogenesis.</i>
05-04-01	Faraneh Vargha-Khadem	Professor of Developmental Cognitive Neuroscience, Head of Developmental Cognitive Neuroscience Unit, Institute of Child Health, University College London, UK	<i>FOXP2 gene and evolution of speech and cognition.</i>
05-04-15	Hua Han	Professor, The Fourth Military Medical University.	<i>Notch Signal and Neural Development.</i>
05-04-21	Richard J Salvi	Professor, Department of Communicative Disorders and Sciences, SUNY at Buffalo, USA.	<i>Phantom Auditory Sensation: Animal Models and Brain Imaging in Humans.</i>
05-05-12	Gary Banker	Professor of Cell and Developmental Biology, Oregon Health and Science University, USA.	<i>Membrane Trafficking and Neuronal Polarity.</i>

Date	Name	Affiliations	Title
05-05-16	Robert T. Knight	Evan Rauch Professor of Neuroscience, Director, Helen Wills Neuroscience Institute, Department of Psychology, UC Berkeley, USA	<i>Physiology of Human Prefrontal Cortex.</i>
05-05-17	Zi-Jiang He	Associate Professor, Department of Psychology, Louisville University, USA.	<i>Ground Surface as a Reference Frame for Human Space Vision.</i>
05-05-17	Teng Leng Ooi	Associate Professor, Department of Basic Sciences, Pennsylvania College of Optometry, USA.	<i>Binocular Rivalry Perception Mediated by Bottom-up and Top-down Processes.</i>
05-05-24	Joshua R. Sanes	Professor of Molecular & Cellular Biology, Harvard University, USA. Director of Center for Brain Science, Harvard University, USA.	<i>Genetic studies of synapse formation in mice.</i>
05-05-27	David Anderson	HHMI Investigator, Professor of Biology, California Institute of Technology, USA.	<i>Molecular Genetic Analysis of Neural Circuits for Innate Defensive Behaviors in Flies and Mice.</i>
05-05-30	Jian-Min Cui	Associate Professor, Department of Cell Biology and Physiology, Washington University School of Medicine, USA.	<i>Ca²⁺-Activated K⁺ Channels: Structure, Function and Diseases.</i>
05-06-02	Fengwei Yu	Temasek Life Sciences Laboratory (TLL), National University of Singapore.	<i>Heterotrimeric G protein Signalling and Neuroblast Cell Polarity in Drosophila.</i>
05-06-10	Aryeh Routtenberg	Professor, Departments of Psychology, Neurobiology and Institute for Neuroscience, Cresap Neuroscience Laboratory, Northwestern University, USA	<i>Bidirectional Regulation Of Presynaptic Plasticity Leading To Long-Lasting Memory.</i>
05-06-22	Yuan-Xiang Tao	Associate Professor, Department of Anesthesiology and Critical Care Medicine, Johns Hopkins University School of Medicine, Baltimore, USA.	<i>Synaptic scaffolding proteins and pain signaling.</i>
05-06-30	Min Zhuo	Professor, Department of Physiology, Faculty of Medicine, University of Toronto Centre for the Study of Pain, University of Toronto.	<i>Molecular and systemic investigations of mechanisms for memory and pain.</i>

Date	Name	Affiliations	Title
05-07-01	Matthew Alexander Xu-Friedman	Assistant Professor, Department of Biological Sciences, University at Buffalo, State University of New York, Buffalo, New York	<i>Temporal computation in the auditory brainstem.</i>
05-07-05	Hong Lei	Staff Scientist, Arizona Research Laboratories Division of Neurobiology, University of Arizona, USA	<i>Olfactory information processing in a moth brain: an example of integration of spatial and temporal coding mechanisms.</i>
05-07-11	Jian-Guo Gu	Associate Professor, Department of Oral & Maxillofacial Surgery & Diagnostic Sciences, College of Dentistry and McKnight Brain Institute, University of Florida, USA.	<i>Transient receptor potential (TRP) family, molecular logic of thermal sensations and beyond.</i>
05-08-15	Perry Bartlett	Professor and Director, Queensland Brain Institute, The University of Queensland, Australia.	<i>Regulation and function of new neurons in the adult brain.</i>
05-08-31	Garrett B. Stanley	Associate Professor, Division of Engineering & Applied Sciences, Harvard University, USA.	<i>Temporal Encoding in Early Sensory Pathways.</i>
05-09-01	Hai-Shan Yao	Department of Molecular and Cell Biology, University of California, Berkeley, USA.	<i>Plasticity of adult visual system — from synapse to perception.</i>
05-09-02	Thomas Knoepfel	Laboratory Head, Brain Science Institute, RIKEN, Japan.	<i>Genetically encoded fluorescent protein sensors for the investigation of neuronal networks.</i>
05-09-09	Brian Robertson	School of Biomedical Sciences, University of Leeds, UK.	<i>Studies of voltage gated potassium channels in brain.</i>
05-09-12	Wolfgang Liedtke	Assistant Professor and Head of Laboratory, Center for Translational Neuroscience, Departments of Neurobiology and Medicine / Neurology, Duke University, USA.	<i>Evolutionary conservation of function of the TRPV4 ion channel in sensory transduction.</i>
05-09-26	Gong Chen	Assistant Professor of Neurobiology, Department of Biology, The Pennsylvania State University, USA.	<i>Synapse formation and synaptic plasticity: dancing with both glutamate and GABA.</i>

Date	Name	Affiliations	Title
05-10-11	Colin Ingram	Director, Institute of Neuroscience, Professor of Visual Neuroscience, Newcastle University.	<i>An overview of the Institute of Neuroscience, Newcastle University</i>
05-10-12	Zhi-Gang Xiong	Associate Scientist, Director of Neurophysiology Program, Robert S. Dow Neurobiology Laboratories, Legacy Clinical Research Center.	<i>Acid-sensing ion channel - a novel target for ischemic brain injury.</i>
05-10-14	Philip G. Haydon	Professor, Department of Neuroscience, The University of Pennsylvania.	<i>Glia: Listening and Talking to Synapses.</i>
05-10-21	Harold K. Kimelberg	Senior Scientist Ordway Research Institute, Albany, New York.	<i>Potential role of astrocytic swelling in the early release of excitotoxic amino acids in stroke.</i>
05-10-21	Vladimir Parpura	Associate Professor, Department of Cell Biology and Neuroscience University of California, Riverside, USA.	<i>Exocytotic release of glutamate from astrocytes.</i>
05-10-31	Guo Su	Assistant Professor of Biopharmaceutical Sciences, University of California, San Francisco, USA.	<i>A genetic analysis of brain dopamine systems in zebrafish.</i>
05-11-01	Geoffrey J. Goodhill	Associate Professor, Queensland Brain Institute, Department of Mathematics & Institute for Molecular Bioscience, University of Queensland, Australia.	<i>Gradient detection by growth cones is limited by stochastic fluctuations in receptor binding.</i>
05-11-15	John E. Dowling	Member of National Academy of Sciences, Llura and Gordon Gund Professor of Neurosciences, Harvard University, USA.	<i>Fishing for Novel Genes.</i>
05-11-15	Xiao-Zhong Wang	Assistant Professor, Department of Biochemistry, Molecular Biology and Cell Biology, Northwestern University, USA.	<i>Deciphering gene function using mouse embryonic stem cells.</i>
05-11-28	Zheng Li	The Picower Institute for Learning and Memory, Massachusetts Institute of Technology, USA.	<i>The Double-edged Sword: Mitochondria/Caspases in Synaptic Plasticity.</i>
05-11-28	Guo-Qiang Bi	Assistant Professor, Department of Neurobiology, University of Pittsburgh, USA.	<i>In search of the Hebbian cell assembly: from synaptic plasticity to network dynamics.</i>

Date	Name	Affiliations	Title
05-11-29	Jing Wang	Assistant Professor, Division of Biological Sciences, University of California San Diego, USA.	<i>Visualizing olfactory representation with calcium imaging.</i>
05-12-9	Wen-Cheng Xiong	Weiss Research Professor & Associate Professor of Neurology, Medical College of Georgia, USA.	<i>Cell Adhesion Signaling Transduction in Axon Path-Finding.</i>
05-12-16	Xiao-Hui Wu	Professor, Institute of Developmental Biology and Molecular Medicine, Fudan University, China.	<i>PB (piggyBac) Transposon as a Novel Tool for Mammalian Genetics.</i>
05-12-26	Guo-Ping Feng	Assistant Professor, Department of Neurobiology, Duke University Medical Center, USA.	<i>Molecular and Genetic Studies of Synapse Formation in Mice.</i>
05-12-27	Jiu-Lin Du	Associate Specialist, University of California at Berkeley, USA.	<i>Retrograde spread of synaptic modification in vivo.</i>
05-12-27	Yan Dong	Senior Scientist, Merck Research Laboratories, USA.	<i>Maladaptive Plasticity in the Brain Reward Pathway.</i>
05-12-28	C. Ron Yu	Assistant Investigator, Stowers Institute for Medical Research, USA.	<i>Scents and Sensibility: the neural circuitry underlying the sense of smell.</i>