Colloquia and Symposia Sponsored by ION (2006.01-2006.12)

Date	Name	Affiliations	Title
2006-01-02	Xiao-Jing Wang	Dept. of Physics & Center for Complex Systems, Brandeis University	*A microcircuit model for decision making and selective visual attention.*
2006-01-04	Wei Li	Key Laboratory of Molecular Developmental Biology, Institute of Genetics & Developmental Biology, CAS	*HPS genes in regulating neurodevelopment.*
2006-01-24	Guo-Chun Liao	Dept. of Computational Genomics, Research Biostatistics, Genetics & Genomics Roche Palo Alto	*From mouse to man: computational genetics*
2006-02-21	Hai-Tao Zhu	Dept. of Biological Sciences, Stanford University	*Mechanisms of Neuronal Connection Specificity in the Drosophila Olfactory Circuit.*
2006-02-21	You-Sheng Shu	Dept. of Neurobiology, Yale University School of Medicine	*Network, cellular and subcellular mechanisms of recurrent cortical activity.*
2006-03-21	Hong-Jun Song	Institute for Cell Engineering, Johns Hopkins University School of Medicine	*Synaptic integration and plasticity of newly generated neurons in the adult brain.*
2006-03-27	Li Liu	State Key Laboratory of Brain & Cognitive Science, Institute of Biophysics, CAS	果蝇视觉学习记忆的结构与功能研究
2006-03-31	Long-Nian Lin	Institute of Brain Functional Genomics, East China Normal University	*Information Coding of Neural Network in Hippocampus.*
2006-04-12	Bin-Hai Zheng	Dept. of Neurosciences, UCSF	*Of mice and men: regenerating injured spinal axons.*
2006-04-24	David S. Bredt	Lilly Research Laboratories, Corporate Center, USA	*Synaptic plasticity regulated by stargazin-like TARPs.*
2006-04-28	Ben A Oostra	Dept. Clinical Genetics, Erasmus University, The Netherlands.	*Mental retardation and mouse models.*
2006-05-10	于渌	中国科学院理论物理研究所研究员，中国科学院院士	呈展现象 *(Emergent Phenomena)*--从连续相变说起

2006-05-12	Judith Klumperman	Cell Microscopy Center, Dept. of Cell Biology, University Medical Center Utrecht, The Netherlands.	*Imaging intracellular membrane transport and dynamics by correlative live cell - electron microscopy methods.*
2006-05-23	Donald A. Glaser	Nobel Laureate in Physics, UC Berkeley	*Human Vision: Why do we see things that aren't there?*
2006-06-06	Ning Qian	Dept. of Physiology and Cellular Biophysics, Columbia University	*An Optimization Principle for Determining Movement Duration.*
2006-06-06	Hong-Bing Wang	Dept. of Physiology, Michigan Sate University	*Molecular Dissection of Learning and Memory Formation.*
2006-06-15	Ralph J. Greenspan	The Neurosciences Institute, San Diego	*From Sleep to Awareness in Drosophila.*
2006-06-19	H. Benjamin Peng	Professor & Head, Dept. of Biology, HKUST, Hong Kong.	*The functions of kinases and phosphatases in sculpting the synapse.*
2006-06-20	Zuoshi Josh Huang	Cold Spring Harbor Laboratory	*Construction and Plasticity of GABAergic Circuits in Mammalian Brain.*
2006-06-21	Theo Palmer	Dept. of Neurosurgery & Neurology, Stanford University	*Stem Cells, Adult Neurogenesis and Hippocampal Learning and Memory.*
2006-06-28	Clifford J. Woolf	Harvard Medical School & Massachusetts General Hospital	*Unravelling the mechanisms of pain.*
2006-07-10	Randy D. Blakely	Allan D. Bass Professor of Pharmacology & Psychiatry, Director, Vanderbilt Center for Molecular Neuroscience, USA.	*Good Riddance to Serotonin: Insights into Autism from Studies of the Antidepressant-Sensitive Serotonin Transporrter.*
2006-07-17	Chun-Fang Wu	Dept. of Biological Sciences, University of Iowa	*Neurobiological analyses of fixed-pattern and plastic behaviors in genetic model systems.*
2006-07-21	Mei Zhen	Dept. of Physiology, University of Toronto	*Channel and active zone formation*
2006-08-02	Michael Frotscher	Institute of Anatomy, University of Freiburg	*Laminating the Hippocampus.*
2006-08-09	Randy Johnson	Dept. of Biochemistry and Molecular Biology, University of Texas	*Vertebrate dorsal-ventral limb patterning*

2006-08-28	Bruce R. Ransom	Editor-in-Chief, GLIA Magnuson Professor and Chair, Department of Neurology, University of Washington, USA.	*The role of astrocyte glycogen in brain energy metabolism.*
2006-09-01	Jian-Jun Wang	Professor, School of Life Sciences, Nanjing University, China.	*Histaminergic modulation on the cerebellar neuronal activity and cerebellar motor control.*
2006-09-25	Julius Zhu	Assistant Professor, Department of Neuroscience, University of Virginia School of Medicine, USA	*Oncogenic Ras Signaling at Synapses*
2006-10-20	Xian-Zhong Shawn Xu	Assistant Professor, Dept. of Molecular & Integrative Physiology Research Assistant Professor, Life Sciences Institute University of Michigan, USA	*TRP channel regulation of behavior and drug dependence in C. elegans*
2006-10-24	Lin-Gang Wu	Investigator, National Institute of Neurological Disorders and stroke, USA	*Multiple modes of vesicle exocytosis and endcoytosis at a central synapse*
2006-10-26	Y. Henry Sun	Distinguished Research Fellow, Institute of Molecular Biology, Academia Sinica, Taiwan, China	*Upd/Jak/STAT signaling in Drosophila eye development*
2006-11-06	Xiao-Qin Wang	Professor of Biomedical Engineering, Neuroscience and Otolaryngology, Director of Laboratory of Auditory Neurophysiology, Department of Biomedical Engineering, Johns Hopkins University School of Medicine, USA	*Information Processing in Auditory Cortex*
2006-11-10	Karl Kandler	Associate Professor, Department of Neurobiology and Center for NeuronalBasis of Cognition, University of Pittsburgh School of Medicine, USA	*Plasticity of inhibitory circuits in the developing auditory system*
2006-12-07	Stuart Firestein	Professor, Department of Biological Sciences, Columbia University, USA.	*Making Sense of Scents: Genomics, Physiology and Development of the Mammalian Olfactory*

			System
2006-12-08	Zhi-Cheng Xiao	Principal Investigator, Dept of Clinical Research, Singapore General Hospital	*The Nodal Aβ hypothesis for Alzheimer's disease*
2006-12-08	Melitta Schachner	Professor of Neurobiology, Center for Molecular Neurobiology, University of Hamburg, Germany	*Recognition molecules and neural repair*
2006-12-28	Henry H. Yin	Postdoctoral fellow, Section on Synaptic Pharmacology, Laboratory for Integrative Neuroscience, National Institute of Alcohol Abuse and Addiction.	*From actions to habits: the integrative functions of basal ganglia networks*

ION Symposium on Frontiers of Neuroscience

Date and time: 13:30 pm to 21:00 pm, June 10, 2006
Location: Lecture Hall of SIBS Building (320, Yue Yang Road)
Chaired by Prof. T. Wiesel (Rockerfeller University; Nobel Laureate)
Host PI: Prof. Muming Poo

13:30—14:10	Morgan Sheng (HHMI Professor, MIT) Title: “Molecular mechanisms of brain plasticity”
14:10—14:50	Martha C-Paton (Professor, MIT) Title: “NMDA Receptors and BDNF Drive PSD-95 To Synapses”
14:50—15:30	Tobias Bonhoeffer (Director, Max-Planck Institute for Neurobiology) Title: “Mechanisms of synaptic plasticity”
15:30—15:50	break
15:50—16:30	Bai Lu (Senior Investigator, NIH) Title: “BDNF, hippocampal plasticity and memory: From cell biology to behavior”
16:30—17:10	Tomas Hökfelt (Professor, Karolinska Institute) Title: “Neuropeptides and depression”
17:10—17:50	Masao Ito (Professor, Brain Science Institute, RIKEN) Title: “Roles of the cerebellum in emotional expressions and innate behaviors: a novel module involved in defense reactions”
17:50—18:30	Robert Desimone (Director, McGovern Institute, MIT) Title: “neural synchrony and selective attention”
20:00—21:00	Keynote talk Robert Horvitz (HHMI Professor, MIT; Nobel Laureate) Title: “Biogenic Amines and Neuropeptides Modulate C. elegans Behavior”

ION Symposium on Frontiers in Axon Guidance and Regeneration

Date and time: 13:30 pm to 18:00 pm, June 30, 2006
Location: Meeting Room 430, ION Building (320 Yue Yang Road)
Host PI: Xiang Yu

13:30 - 14:30	Alex Kolodkin (Professor, Johns Hopkins University, USA) title:"Molecular mechanisms of neuronal growth cone guidance"
14:30 - 15:30	Alain Chedotal (Professor, Université Paris 6, France) title:Role of slits and semaphorins in the development of the cerebellar system
15:45 - 16:45	Marie Filbin Distinguished (Professor, Hunter College, USA) title:"Mechanisms to promote axonal regeneration in vivo"
16:45 - 17:45	Yimin Zou (Associate Professor, University of Chicago, USA) title:"Wnt signaling in nervous system wiring"

ION-QBI Joint Symposium

Date and time: 9:45 am to 12:00 am, October 12, 2006
Location: Meeting Room 430, ION Building (320 Yue Yang Road)
Future directions in neuroscience-the need for collaboration

09:45—10:05	Dr. Geoffrey J. Goodhill Title: "Measuring and modelling axonal chemotaxis"
10:05—10:25	Dr. Xiao-Bing Yuan Title: "Long-range Ca2+ signaling from growth cone to soma mediates reversal of neuronal migration induced by Slit-2"
10:25—10:45	Dr. Yu-Qiang Ding Title: "Transcription factor Lmx1b and brain development"
10:45—11:00	break
11:00—11:20	Dr. Perry F. Bartlett Title: "BDNF directly regulates neurogenesis in the adult brain"
11:20—11:40	Dr. Shu-Min Duan Title: "NG2 glial cells, the mysterious cells in the brain"
11:40—12:00	Dr. Pankaj Sah Title: "GABAergic excitation in the basal amygdala"

From Molecules to Systems Neuroscience

Date and time: 10:00 am to 16:30 pm, October 30 (Monday), 2006
Place: Meeting Room 430, ION Building (320 Yue Yang Road)

10:00—11:00	Thomas Südhof, Ph.D. Professor, Dept. of Molecular Genetics, UT Southwestern Medical Center, USA. Title: "How calcium triggers neurotransmitter release"
11:00—12:00	Yi Sun, Ph.D. Assistant Professor, UCLA Medical School, USA. Title: "Epigenetic regulation of stem cell differentiation"
15:30—16:30	Gyorgy Buzsáki, Ph.D. Board of Governors Professor, Center for Molecular & Behavioral Neuroscience, Rutgers University, USA. Tltle: "Internally organized cell assembly sequences in the hippocampus: a mechanism for episodic recall?"

神经所生命科学前沿研讨会

（暨庆贺张香桐院士百岁华诞）

ION Symposium on Frontiers in Life Science

(In Celebration of Prof. HT CHANG's 100th Birthday)

时间：**2006** 年 **11** 月 **27** 日上午 **09:00** 至下午 **17:10**

地点：上海生命科学研究院报告厅（岳阳路 **320** 号）

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1. 张　旭　　研究员　　中科院上海生科院神经科学研究所

   阿片受体转运与镇痛功能调制机理

2. 孟安明　　教　授　　清华大学生物科学与技术系

   Angiomotin-like2 在斑马鱼胚胎细胞运动中的作用

3. 张明杰　　教　授　　香港科技大学生化系

   构建神经系统信号传导复合体的结构基础

4. 朱作言　　教　授　　中科院水生生物研究所

   鱼类分子遗传与基因工程

5. 李家洋　　教　授　　中科院遗传与发育生物学研究所

   水稻分蘖角度控制的分子基础

6. 段树民　　研究员　　中科院上海生科院神经科学研究所

   胶质细胞与突触可塑性

7. 曾益新　　教　授　　中山大学癌症研究中心

   鼻咽癌防治分子遗传学研究