

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	<i>A microcircuit model for decision making and selective visual attention.</i>
2006-01-04	Wei Li	Key Laboratory of Molecular Developmental Biology, Institute of Genetics & Developmental Biology, CAS	<i>HPS genes in regulating neurodevelopment.</i>

2006-01-24 Guo-Chun Li¹² T1

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

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

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

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

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| 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

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| 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

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| 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 Ca ²⁺ 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)

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| 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.
Title: "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

(暨庆祝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)

1. 张旭 研究员 中科院上海生科院神经科学研究所

2. 孟安明 教授 清华大学生物科学与技术系

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3. 张明杰 教授 香港科技大学生化系

4. 朱作言 教授 中科院水生生物研究所

5. 李家洋 教授 中科院遗传与发育生物学研究所

6. 段树民 研究员 中科院上海生科院神经科学研究所

7. 曾益新 教授 中山大学癌症研究中心