

Colloquia and Symposia Sponsored by ION (2013.01-2013.12)

Date	Name	Affiliations	Title
2013.01.15	Bai Lu	GlaxoSmithKline, R&D China	<i>New insight and novel strategy for neurodegenerative diseases</i>
2013.03.24	Ning-Long Xu	Janelia Farm Research Campus, U.S.A.	<i>Cellular and circuit mechanisms of active sensory processing in the cortex</i>
2013.03.24	Quan Wen	Harvard University, U.S.A.	<i>How does a worm wiggle?</i>
2013.04.15	Xiang Dong Fu	University of California, San Diego, U.S.A.	<i>Direct Neuronal Reprogramming by Mimicking a Developmentally Regulated RNA Pathway</i>
2013.04.19	Lung-Sen Kao	Yang-Ming University, Taipei	<i>Molecular Mechanism of Regulated Secretion</i>
2013.04.22	Li-Yen Mae Huang	University of Texas Medical Branch, U.S.A.	<i>Communication between neuronal somata and satellite glial cells in sensory ganglia</i>
2013.05.03	Elva D. Diaz	University of California, Davis, U.S.A.	<i>From microarrays to mechanisms of synapse development and plasticity</i>
2013.05.06	Karel Svoboda	HHMI Janelia Farm Research Campus, U.S.A.	<i>Neural circuits and coding underlying tactile perception</i>
2013.05.06	Nelson Spruston	HHMI Janelia Farm Research Campus, U.S.A.	<i>Toward an understanding of the diversity of neuronal integration and plasticity in hippocampal pyramidal neurons</i>
2013.05.06	Hitoshi Okamoto	RIKEN., Brain Science Institute, Japan	<i>The roles of the habenula in aversive learning and gain of self-confidence in aggressive behavior</i>
2013.05.10	Mohammed Akaaboune	University of Michigan, U.S.A.	<i>Molecular dynamics of nicotinic acetylcholine receptors at the neuromuscular synapse of living mice</i>
2013.05.10	Lutz Birnbaumer	NIH. U.S.A.	<i>The molecular makeup and physiology of TRPC channels - Lessons from knockout mice</i>
2013.05.13	Henry Lester	California Institute of Technology, U.S.A.	<i>Psychiatric Medication Turned Inside-out</i>
2013.05.24	Timothy Q. Duong	University of Texas Health Science Center, U.S.A.	<i>MRI of ischemic stroke in animal model</i>
2013.05.30	Xinying Cai	Washington University in St Louis, U.S.A.	<i>From values to actions: the neural basis of economic choice</i>
2013.06.28	Teng Leng Ooi	Pennsylvania College of Optometry at Salus University, U.S.A.	<i>Binocular rivalry perception as a window to revealing cortical processing and plasticity</i>
2013.07.04	Masao Tachibana	Professor, University of Tokyo, Japan	<i>Sophisticated information processing in the retina</i>

2013.07.04	Rufin Vogels	Full Professor, Dept. of Neuroscience, KU Leuven, Belgium	<i>Perceptual learning in V4/PIT</i>
2013.07.09	Geoffrey M. Ghose	Associate Professor, University of Minnesota, U.S.A.	<i>Neuronal pooling in perceptual and abstract decision making</i>
2013.07.10	David C. Burr	Professor, Università di Firenze, Italy	<i>Cross-sensory integration and calibration in human adults and children</i>
2013.07.15	Shigetada Nakanishi	Director, Osaka Bioscience Institute, Japan	<i>Transmission regulation of decision-making: pharmacogenetic approaches</i>
2013.07.25	Zachary F. Mainen	Director, Champalimaud Neuroscience Programme, Portugal	<i>Neural circuits for spontaneous action timing in the frontal cortex</i>
2013.08.06	Fengquan Zhou	Johns Hopkins University School of Medicine, U.S.A.	<i>Genetic regulation of axon regeneration</i>
2013.08.09	J. Julius Zhu	University of Virginia School of Medicine, U.S.A.	<i>Attentional Neurons and Circuits</i>
2013.09.06	Xin Huang	Assistant Professor, University of Wisconsin-Madison	<i>Correlated noise, spike synchrony, and their regulation in neural circuits</i>
2013.09.09	Hitoshi Sakano	Professor, University of Tokyo	<i>Agonist-Independent GPCR Activity Regulates Axon Targeting of Olfactory Sensory Neurons</i>
2013.09.11	Yimin Zou	Professor, University of California, San Diego	<i>Wnt signaling in adult axon plasticity</i>
2013.09.16	Stephen Scott	GSK-CIHR Chair in Neurosciences; Professor, Queen's University	<i>Optimal feedback control: the glue that links brains, biomechanics and behavior</i>
2013.09.18	Hai Huang	Senior Research Associate Oregon Health & Science University	<i>Ion Channels and Presynaptic Function at an Auditory Synapse</i>
2013.09.25	Mark J. Schnitzer	Associate Professor, Stanford University	<i>Reading neural codes in freely behaving mice, in ~1000 neurons per mouse</i>
2013.09.26	Michael Rosbash	HHMI-Dept. of Biology, Brandeis University, U.S.A.	<i>Circadian Rhythms from flies to humans</i>
2013.09.27	Emilie Marcus	Editor-in-chief, Cell	<i>A Behind the Scenes Look at the Editorial Process.</i>
2013.10.08	Alex Schier	Professor, Harvard University	<i>Morphogen gradients: from formation to interpretation</i>
2013.10.08	Susan Mango	Professor, Harvard University	<i>Dynamic chromatin during pluripotency and organogenesis</i>
2013.10.15	Christopher J. Lingle	Professor, Washington University School of Medicine U.S.A.	<i>Inhibition of BK Channels by the Tremorogenic Fungal Alkaloid, Paxilline: a Novel Closed-Channel Block</i>

			<i>Mechanism</i>
2013.10.16	Hui Yang	Postdoctoral Associate, Whitehead Institute, MIT	<i>Generation of genetically modified animals and its application</i>
2013.10.16	Shan Yu	Postdoctoral fellow, National Institute of Mental Health	<i>From neurons to networks: the structure of neuronal interactions in the brain</i>
2013.10.22	Katrin Andreasson	Associate Professor Stanford University School of Medicine, U.S.A.	<i>Targeting protective and toxic prostaglandin receptors in neurologic disorders</i>
2013.10.25	Fan Wang	Associate Professor Duke University Medical Center, U.S.A.	<i>Neural circuits underlying sensorimotor behaviors</i>
2013.10.30	Pierre Leopold	Group Leader at the IBV, University of Nice Nice (Research Director, INSERM), France	<i>Sensing the environment: How Drosophila larvae react to food and light?</i>
2013.12.10	Hong Zhang	Institute of Biophysics, CAS	<i>C. elegans as a genetic model system to study autophagy</i>
2013.12.11	Xiaojing Wang	NYU Shanghai	<i>From cognitive-type microcircuits to large-scale brain system</i>
2013.12.11	Jeffery Erlich	Princeton University, U.S.A.	<i>The rat as an animal model for cognitive control: Neural circuits underlying planning, inhibition, accumulation and flexible decision-making</i>
2013.12.12	Barry Ganetzky	UW-Madison, U.S.A.	<i>Neuronal Degeneration and Regeneration in Long-Lived Drosophila Larvae</i>

ION Symposium on Frontier of Neuroscience

日期: 2013年5月11日 (星期六)

地点: 上海市岳阳路320号生科大楼礼堂

Morning Session: 8:45-12:00

- Liqun Luo, 美国斯坦福大学教授
Mapping Neurons and Circuits
- Naoshige Uchida, 美国哈佛大学教授
Dissecting computations in the dopamine reward circuit
- Marla Feller, 美国加州大学伯克利分校教授
Dynamic reconfiguration of retinal circuits

Afternoon Session: 13:30-16:30

- Li-Huei Tsai, 美国麻省理工学院教授
*Epigenetic mechanisms regulating neuronal plasticity,
gene expression and memory formation*
- Scott Sternson, 美国Janelia Farm研究院研究组长
Neural circuits and motivational processes for hunger
- Robert Malenka, 美国斯坦福大学医学院教授
Postsynaptic SNARE fusion machinery and LTP



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