

The 4th MCCA-Asia Symposium

“Unraveling Higher Brain Functions: Recent Progress with Animal Models III”

“Neuro2009 Satellite Symposium”

Place: **Nagoya Congress Center, Rooms 141/142**

Date: **September 15, 2009 (Tuesday) 9:50-18:00**

No fee, No prior registration

We will have a poster session during lunchtime with a light meal. The poster session provides a great opportunity for interaction among speakers and all participants.

Please send the title and authors of your poster to Shigeyoshi Itohara
(4TH_MCCA_ASIA@brain.riken.jp) by August 15.

PROGRAM

(9:50-10:00)

Welcome address by Susumu Tonegawa (Director of RIKEN BSI)

(10:00-10:50) Oral Session 1 (Chair: Thomas J. McHugh)

Susumu Tonegawa (BSI)

“Dendritic compartmentalization of protein synthesis-dependent synaptic plasticity”

Daniel Storm (University of Washington, USA)

“Memory consolidation: cross-talk between cAMP and MAP kinase signaling”

(10:50-11:10) Coffee Break

(11:10-12:25) Oral Session 2 (Chair: Satoshi Kida)

Yasunori Hayashi (BSI)

“Molecular mechanism of homeostatic synaptic plasticity”

Bong-Kiun Kaang (Seoul National University, South Korea)

“Dynamic long-term memory”

Ikue Mori (Nagoya University)

“Neural circuits regulating C. elegans memory-based behavior”

(12:25-15:00) Lunch and Poster Session

(15:00-16:15) Oral Session 3 (Chair: Tsuyoshi Miyakawa)

Hee-Sup Shin (KIST, South Korea)

"Calcium channels in the control of behavior"

Andrew Holmes (National Institute on Alcoholism and Alcohol Abuse, USA)

"Phenotypic abnormalities caused by genetic loss of PSD-95 (Dlg4) reveal a potential role for MAGUKs in autism and Williams Syndrome"

Paul Chapman (GSK R&D China)

"Mitochondria and cognition"

(16:15-16:35) Coffee Break

(16:35-17:50) Oral Session 4 (Chair: Masayoshi Mishina)

Sumantra Chattarji (National Centre for Biological Sciences, India)

"Neuronal encoding of fear generalization in the amygdala"

Kaoru Inokuchi (Toyama University)

"Involvement of adult neurogenesis in the regulation of the hippocampus-dependent period of fear memory"

Isabelle Mansuy (Neuroscience Center Zurich, Swiss)

"Protein phosphatases in chromatin remodeling for memory formation"

(17:50-18:00)

Concluding remarks by Paul Chapman (President of MCCA-Asia)

Organizers and Chairs:

Paul Chapman (MCCA-Asia, President)

Sumantra Chattarji (MCCA-Asia, Secretary)

Shigeyoshi Itoharu (Riken Brain Science Institute, MCCA-Asia Treasurer)

Satoshi Kida (Tokyo University of Agriculture)

Thomas J. McHugh (Riken Brain Science Institute)

Masayoshi Mishina (University of Tokyo)

Tsuyoshi Miyakawa (Fujita Health University)

Keiji Wada (National Institute of Neuroscience)

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Molecular and Cellular Cognition Society (MCCS)-Asia

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CREST (Psychiatric and Neurological Disorders)

Tokyo University of Agriculture

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