

## 第6回 MCCS-Asia シンポジウム

### 「認知の分子・細胞・回路機構」

時間：6月19日午前8時50分-午後6時30分（8時30分受付開始）

場所：京都国際会議場アネックスホール

参加申し込み：参加は無料ですが、参加希望の場合、[micro@nodai.ac.jp](mailto:micro@nodai.ac.jp)に氏名、所属、職名をお知らせ下さい（6月1日まで）。

ポスター発表：[micro@nodai.ac.jp](mailto:micro@nodai.ac.jp)に氏名、所属、ポスタータイトルをお知らせ下さい（6月1日まで）。

(<http://www.neuro2013.org/satellite/index.html> , <http://www.molcellcog.org> , <http://microend.umin.ne.jp> もご覧下さい。)

### プログラム

8:30-8:50 Registration

8:50-9:00 Opening Remarks:Satoshi Kida (Tokyo Univ. Agriculture, Japan)

Session 1 –Microendophenotype–Chair: Joshua Johansen (RIKEN BSI, Japan)

9:00-9:25 “Adult rescue of neurodevelopmental disorders”

Alcino J. Silva (UCLA, USA)

9:25-9:50 “Temporal window of molecular requirement in memory consolidation: a BDNF autoregulatory loop”

Cristina M.Alberini (New York Univ., USA)

9:50-10:15 “Fasting to make memory faster”

Minoru Saitoe (Tokyo Metropolitan Institute of Medical Science, Japan)

10:15-10:40 “Contributions of CA2 to the Hippocampal Circuit”

Thomas J. McHugh (RIKEN BSI, Japan)

10:40-11:10 Coffee Break

Session 2 –Microendophenotype– Chair: Bong-KiunKaang (Seoul National Univ., Korea)

11:10-11:35“Introducing PKM $\zeta$ 's sister: The role of PKM $\nu$  in LTP, memory, and compensation in the PKM $\zeta$  knock-out”

Todd C.Sacktor (SUNY Downstate Medical Center, USA)

11:35-12:00 “Optogenetic activation of presynaptic inputs in lateral amygdala forms fear memory”

Jin-Hee Han (Korea Advanced Institute of Medical Science, Korea)

12:00-12:25 “Enhancement of fear memory after retrieval”

Satoshi Kida (Tokyo Univ. of Agriculture, Japan)

12:25-15:00 Lunch, Joint Poster session.

Chair: Hiroyuki Nawa (Niigata Univ., Japan) & Shigeyoshi Itohara (RIKEN BSI, Japan)

Session 3, -FIRST Program- Chair: Yasunori Hayashi (RIKEN BSI, Japan)

15:00-15:25 “Translational Control in Memory and Disease”

Eric Klann (New York Univ., USA)

15:25-15:50 “Dissecting the role of the infralimbic cortex in context-sensitive fear”

Moriel Zelikowsky (California Institute of Technology, USA)

15:50-16:15 “Role of the lateral entorhinal cortex in associative memory and its dysfunction in an Alzheimer’s disease model”

Kaori Takehara-Nishiuchi (Univ. of Toronto, Canada)

16:15-16:45 Coffee Break

Session 4, -FIRST Program- Chair: Shigeyoshi Itohara (RIKEN BSI, Japan)

16:45-17:10 “Brain Science using iPS technologies and transgenic non-human primates”

Hideyuki Okano (Keio University, Japan)

17:10-17:35 “Neuronal chromocenter disorganization causes transcriptional and behavioral deficits associated with attention disorders and autism”

Angel Barco (Instituto de Neurociencias, UMH-CSIC, Spain)

17:35-18:00 “Activation of dorsal raphe neurons produces strong reward”

Minmin Luo (National Center for Biological Sciences, China)

18:00-18:25 “Fragile X Syndrome and the Amygdala”

Sumantra Chattarji (National Centre for Biological Sciences, India)

18:25-18:30 Closing Remarks: Sumantra Chattarji (National Centre for Biological Sciences, India)