

**Molecular and Cellular Cognition Society
Society for Neuroscience Satellite Symposium
November 7-8, 2013**

Thursday, November 7th **Westin Gaslamp Quarter Hotel, Garden Terrace/SD Ballroom** 6:30-9:30pm Poster Session

Friday, November 8th **San Diego Convention Center, Room 29A** 9:00am-5:00pm Symposium

9:00 - 9:05 **Eric Klann, MCCS President** (New York University)

Session I. Chair: Ype Elgersma (Erasmus MC)

9:05 - 9:25 **Lisa Monteggia** (University of Texas Southwestern) "Behavioral impact of histone deacetylases"

9:25 - 9:45 **Steve Ramirez & Xu Liu** (MIT) "Optogenetic investigation of memory engrams"

9:45 - 10:05 **Kobi Rosenblum** (University of Haifa) "Enhancing memory in young, old, and Alzheimer's disease model mice via modulation of the eIF2 α pathway"

10:05 - 10:25 **Annie Vogel-Ciernia** (UC-Irvine) "The neuron-specific chromatin regulatory subunit BAF53b is necessary for epigenetic regulation of synaptic plasticity and memory"

10:25 - 11:00 Break

Session II. Chair: Eminy Lee (Academia Sinica)

11:00 - 11:20 **Venetia Zachariou** (Mt. Sinai School of Medicine) "The striatal protein RGS9-2 modulates addiction and analgesia"

11:20 - 11:40 **Huy-Binh Nguyen** (McGill University) "Maternal care differentially affects synaptic plasticity and intrinsic excitability of CA1 pyramidal neurons in dorsal and ventral hippocampus"

11:40 - 12:00 **Peter Rapp** (NIA-NIH) "Reassessing the effects of histone deacetylase inhibitors on memory and cognitive aging"

12:00 - 12:20 **Emanuela Santini** (New York University) "Exaggerated translation causes synaptic and behavioral endophenotypes associated with autism"

12:20 - 2:00 Break

Session III. Chair: Wayne Sossin (McGill University)

2:00 - 2:20 **Haruhiko Bito** (University of Tokyo) "CREB, Arc, and long-term memory formation"

2:20 - 2:40 **Iva Zovkic** (University of Alabama-Birmingham) "H2A.Z subunit exchange regulates transcription-dependent memory consolidation"

2:40 - 3:00 **Kay Tye** (MIT) "Distinct functions of amygdala projections to different downstream targets"

3:00 - 3:20 **Adam Frank** (UCLA) "Contextual learning induces changes in dendritic spine stability and spine clustering retrosplenial cortex"

3:20 - 3:40 Break

Session IV. Chair: Farah Lubin (University of Alabama-Birmingham)

3:40 - 4:00 **Staci Bilbo** (Duke University) "Microglial colonization of the developing brain: implications for long-term cognition"

4:00 - 4:20 **Takaaki Ozawa** (Riken Brain Institute) "A neural circuit mechanism for setting the strength of fear memories"

4:20 - 4:40 **Christine Denny** (Columbia University) "Hippocampal memory traces are differentially modulated by experience, time, and adult neurogenesis"

4:40 - 5:00 **Richard Tsien** (New York University) "A novel signaling pathway for activity-dependent gene expression: implications for neuropsychiatric disorders"

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