

**3<sup>rd</sup> Molecular and Cellular Cognition Society-Europe Satellite Meeting at FENS  
July 10-11 2008, Geneva, Switzerland**

**LOCATION:**

Four Seasons Hotel des Bergues,  
33, Quai des Bergues,  
1201 Geneva, Switzerland

**REGISTRATION:**

[www.molcellcog.org](http://www.molcellcog.org)

**ORGANISERS:**

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**PROGRAMME:**

During the 3<sup>rd</sup> MCCS-Europe FENS satellite meeting several aspects related to cellular and molecular mechanisms of learning and memory will be discussed, including epigenetics, control of protein translation, regulation of at the network level and clinical applications. Please note that 4 speakers have been selected from submitted abstracts.

**Thursday, July 10, 2008**

18:30 - 21:30      Wine and Cheese Poster Session

**Friday, July 11, 2008**

09:00              Opening Remarks: David Sweatt, University of Alabama, Birmingham

Chair: Alcino Silva, UCLA, Los Angeles

09:05 - 09:25      Riccardo Brambilla, San Raffaele Institute, Milan

"Targeting Ras-GRF1 and ERK signalling for treatment of hyperdopaminergic diseases "

- 09:25 - 09:45 Isabelle Mansuy, University Zürich/ETHZ  
"Epigenetic regulation of learning and memory by protein phosphatases"
- 09:45 - 10:05 Peter Seeburg, Max Planck Institute, Heidelberg  
"AMPA receptors and memory formation"
- 10:05 - 10:25 Ray Kelleher, Harvard Med, Cambridge  
"The Functional Roles of MicroRNAs in the Developing and Adult Brains"

**10:25 - 11:00 Break**

Chair: Didier Trono, EPFL, Lausanne

- 11:00 - 11:20 David Sweatt, University Alabama, Birmingham  
"Epigenetic mechanisms in memory formation"
- 11:20 - 11:40 Kobi Rosenblum, Haifa University  
"The taste of memories"
- 11:40 - 12:00 Eric Klann, NYU, New York  
"mTOR Signaling in Synaptic Plasticity and Memory"
- 12:00 - 12:20 Mauro Costa-Matteoli, Mc Gill University, Montreal "eIF2a phosphorylation: switching memories ON and OFF?"

**12:20- 14:00 Lunch**

Chair: David Sweatt, University Alabama, Birmingham

- 14:00 - 14:20 Paul Frankland, University of Toronto, Toronto  
"Adult neurogenesis and hippocampal memory"
- 14:20 - 14:40 Ayumu Tashiro, Norwegian University of Science and Technology Trondheim  
"Experience-dependent circuit formation during adult dentate neurogenesis is determined by NMDA-receptor-mediated competition for survival"
- 14:40 - 15:00 Raffaella Guidi, EPFL, Lausanne  
"Neurobiology of addiction : role of the transcriptional regulators CREB, CBP, and TORC1? "
- 15:00 – 14:20 William Renthal, UT Southwestern, Dallas

"Histone acetylation in the nucleus accumbens controls behavioral responses to cocaine"

**15:20 - 15:40      Break**

Chair: Pico Caroni, Basel

15:40 - 16:00      Edvard Moser, Norwegian University of Science and Technology, Trondheim  
"Grid cells and spatial representation in the entorhinal cortex"

16:00 - 16:20      Ype Elgersma, Erasmus University, Rotterdam  
"Role of alpha and beta CaMK2 in plasticity, learning and disease"

16:20 - 16:40      Leonardo Restivo, Santa Lucia Institute, Rome  
"Structural plasticity during systems consolidation of fear memory"

16:40 - 17:00      Stephanie Daumas, University of Edinburgh "Inhibition of PKM zeta erases rapidly acquired place memory in the watermaze"

17:30 - 18:30      Plenary Assembly of MCCS-Europe