

PROGRAMME AND COURSE CALENDAR

DAY 1: Thursday, 14 October

Reception and welcome cocktail at the Fondazione Cini (17.30-19.30)

Evening: Free time

DAY 2: Friday, 15 October

Molecular and cellular approaches to study cognition: Memory consolidation, storage and reconsolidation

Chair: **Serge Laroche**

8.30-10.30: Discovery paths in molecular and cellular cognition (**Alcino Silva**, UCLA, USA)

10.30-11.00: Coffee break

11.00-13.00: Critical periods and mechanisms underlying memory consolidation and reconsolidation (**Cristina Alberini**, Mount Sinai, USA)

13.00-14.30: Lunch

Molecular and cellular approaches to study cognition: genetic and epigenetic mechanisms of memory formation

Chair: **Peter Seeburg**

14.30-16.30: Chromatin remodeling in learning and memory (**Isabelle Mansuy**, Zurich, Switzerland)

16.30-17.00: Coffee break

17.00-19.00: Making and breaking fear memories (**Sheena Josselyn**, Toronto, Canada)

19.00-20.30: Dinner

Evening (20.30-22.30): Round Table on "the Art of Publishing and Peer Review" (Organizer: **Katja Brose**, Neuron Editor)

DAY 3: Saturday, 16 October

Cellular approaches to study cognition: synaptic plasticity and *in vivo* electrophysiology

Chair: **Riccardo Brambilla**

8.30-10.30: Grid cells, place cells, and the brain's representation of space (**Dori Derdikman**, Trondheim, Norway)

10.30-11.00: Coffee break

11.00-13.00: Learning new actions and shifting to automatic (**Rui Costa**, Champalimaud Foundation, Portugal)

13.00-14.30: Lunch

Molecular and cellular approaches to study cognition: synaptic plasticity, glutamate and GABA

Chair: **Cristina Alberini**

14.30-16.30: Making new memories in the hippocampus: cellular and molecular mechanisms (**Serge Laroche**, CNRS, France)

16.30-17.00: Coffee break

17.00-19.00: Hippocampal code, place cells and spatial learning (**Peter Seeburg**, MPI, Germany)

19.00-20.30: Dinner

Evening (20.30-22.30): EMBO Lecture on Women in Science and Colloquium: "Causes of women under-representation in science". **Isa Schön** (European Platform of Women Scientists, Royal Belgian Institute of Natural Sciences, Bruxelles), **Isabelle Mansuy**, **Cristina Alberini**.

DAY 4: Sunday, 17 October

Molecular and cellular approaches to study cognition: cognitive diseases

Chair: **Kobi Rosenblum**

8.30-10.30: Roles of hippocampal circuits in episodic memory (**Susumu Tonegawa**, MIT, USA)

10.30-11.00: coffee break

11.00-13.00: Abnormal cell signaling and cognitive disorders (**Riccardo Brambilla**, HSR, Italy)

13.00-14.30: lunch

14.30-16.30: The role of GABAergic interneurons for synchronous network activity and cognitive behaviour (**Hannah Monyer**, Heidelberg, Germany)

16.30-17.00: coffee break

Afternoon (17.00-19.00): Poster session and selection of speakers for the following day

Evening : Free time

DAY 5: Monday, October 18

Molecular and cellular approaches to study cognition: control of protein translation

Chair: **Isabelle Mansuy**

8.30-10.30: Translational control: Signaling, synapses, and behavior (**Eric Klann**, NYU, USA)

10.30-11.00: Coffee break

11.00-13.00: Complex translation regulation in the cortex and memory Consolidation (**Kobi Rosenblum**, Haifa, Israel)

13.00-14.30: Lunch

14.30-16.30: Student presentations

16.30-17.00: Coffee break

17.00-19.00: Student presentations

19.00-20.30: Dinner

20.30-22.30: EMBO Lecture on Science and Society and Colloquium: "Neuroscience and Psychoanalysis: A necessary encounter to improve the quality of life of psychiatric patients and their families". **Cristina Alberini**, **Pierre Magistretti** (Lausanne, Switzerland) and **Francois Ansermet** (Geneve, Switzerland)

DAY 6: Tuesday, October 19

Morning: Free time

Molecular and cellular approaches to study cognition: neurogenesis and memory

Chair: **Peter Seeburg**

14.30-16.30: Neurogenesis: What's learning got to do with it? (**Tracey Shors**, Rutgers, USA)

16.30-17.00: Coffee break

17.00-19.00: Integration of adult-generated neurons into hippocampal memory circuits (**Paul Frankland**, Toronto, Canada)

Evening (from 20.00 onwards): Social dinner and farewell party

Wednesday, October 20: Departure