

WHAT IS MEMORY ?

Molecular, cellular and computational answers

POSTER SESSION

N°	NAME	INSTITUTION - UNIVERSITY	POSTER TITLE
1	Simon Ruch	FernUni Suisse	Rapid relational learning during DOWN- but not UP-states of slow-wave sleep
2	Marios Kyprou	University of Bern	Contextual integration of social reward memories in the ventral hippocampus
3	Konstantinos Koukoutselos	University of Bern	Anticipatory coding of anxiety in the ventral hippocampus
4	Bei-Xuan Lin	EPFL	Activity of insular cortex interneurons in freely moving mice during fear learning imaged in-vivo
5	Thomas Forro	University of Bern	Anxiety-related activity of ventral hippocampal parvalbumin interneurons
6	Tom Willems	University of Bern	Tracking hippocampal memory traces in healthy humans using 7T fMRI
7	Anastasija Milentijevic	University of Bern	Disentangling emotional memories in ventral hippocampal circuits
8	Charline Carron	University of Lausanne	Effect of a peptide secreted by astrocytes on adult neurogenesis in the hippocampus
9	Leonardo Restivo	University of Lausanne	E=mt2 - The Engram as an Overloaded Conception of the Memory Trace: the case for an Ontology of Memory Terms
10	Olivier Ulrich	University of Bern	Human rapid paired-associative learning, consolidation, and retrieval are supported by hippocampal fast wave ripples
11	Geoffroy Delamare	Imperial College London, UK	Intrinsic neural excitability biases allocation and overlap of memory engrams
12	Giulia Santoni	EPFL	Chromatin plasticity predetermines neuronal eligibility to the memory trace
13	Justine Villard	University of Lausanne	Structural Plasticity in the Monkey Entorhinal and Perirhinal Cortices Following Selective Hippocampal Lesion
14	Oliver Barnstedt	Leibniz Institute for Neurobiology, DE	A hippocampus-accumbens code guides goal-directed appetitive behavior
15	Miguel Pavão-Delgado	Friedrich Miescher Institute, Basel	Absolute and relative value-coding in the mushroom body of <i>Drosophila melanogaster</i>
16	Amélie Cabirol	University of Lausanne	A defined community of core gut bacteria promotes cognitive performance in honey bees
17	Andreas Franzelin	Center for Molecular Neurobiology Hamburg, DE	Activity-dependent cFos expression in the hippocampus depends on the epigenetic state of individual neurons
18	Paul Lamothe-Molina	University Medical Center Hamburg-Eppendorf, DE	Spatial memory retrieval without cFos re-expression in the mouse dentate gyrus: an update to the engram definition
19	Thomas Reber	FernUni Suisse	Single-neuron mechanisms of neural adaptation in the human temporal lobe
20	Denys Osypenko	EPFL	A somatosensory - auditory area of the insula regulates fear learning via differential plasticity of two auditory inputs
21	Shriya Palchadhuri	EPFL	An insular cortex to lateral amygdala pathway in fear learning
22	Hongbo Jia	Leibniz Institute for Neurobiology, DE	Holistic Bursting Cells Store Long-term Memory in the Sensory Neocortex
23	Déborah Fort	University of Lausanne	Treating posttraumatic stress disorder symptoms with a single-session behavioral intervention
24	James Priestley	EPFL	Hippocampal place codes reflect the compressibility of sensory experience
25	Nesilihan Onay	University of Geneva	What Adults and Children Share in Common: Sad Faces Reduce Memory Coherence
26	Kaizhen Li	University of Bern	Functional dissociation of ventral hippocampal inhibitory circuits during anxiety and fear behaviors
27	Carlo Cerquetella	University of Bern	Resolving decision-making during emotional conflicts by ventral hippocampal circuits.
28	Xiaoxiao Shawn Liu	Columbia University, New York, USA	Decoding Memory Engrams at the Epigenetic Level
29	Gabriel Berdugo Vega	EPFL	Hippocampo-cortical engram circuits regulate remote contextual memory and generalization
30	Monika Riegel	University of Geneva	How emotion influences memory of complex events and space and time?
31	Kwok Yui Reymond Yip	EPFL	Brain-wide Epigenetic Mapping of Fear Memory Engram Cells