

2nd Nencki Symposium, NEURONS in ACTION

25-26 May 2017

25.05.2017 Thursday

- 16.30 **Opening**
- 16.40-17.10 **Michael Hausser:** All-optical interrogation of neural circuits
- 17.10-17.40 **Ewelina Knapska:** Central amygdala mediates socially transferred positive and negative emotions
- 17.40-18.10 **Marzena Stefaniuk:** MMP-9-driven synaptic plasticity in the central amygdala in alcohol addiction
- 18.15-20.00 **Poster session**

26.05.2017 Friday

- 9.00-9.30 **Gary Lynch:** A new, pathway specific form of LTP related to episodic memory
- 9.35-10.05 **Witek Konopka:** Altered AMPA receptors composition following neuronal TDP-43 depletion
- 10.10-10.40 **Kate Jeffery:** Spatial reorientation-how internal and external signals combine in the navigation system
- 10.45-11.15 **Rafał Czajkowski:** Strategy-specific role of retrosplenial cortex during spatial learning
- 11.20-11.35 *Coffee break*
- 11.35-12.05 **Angel Barco:** Genetics and epigenetics of intellectual disability
- 12.10-12.40 **Kasia Radwanska:** Molecular and cellular correlates of age-dependent cognitive decline
- 12.45-13.15 **Inbal Goshen:** CA1 astrocytes module memory and neuronal activity
- 13.25-14.15 *Lunch break*
- 14.15-14.45 **Christine Gall:** Mechanisms underlying sexual dimorphism of learning-related synaptic plasticity
- 14.50-15.20 **Deniz Atasoy:** Dissecting the hypothalamic pathways for appetite in health and disease
- 15.25-15.55 **Valery Grinevich:** The central oxytocin system: diversity of cell types, their targets, and behavioural effects
- 16.00-16.20 *Coffee break*
- 16.20-16.50 **Jacek Jaworski:** Contribution of mTOR regulators and effectors to neuronal development
- 16.55-17.25 **Magda Dziembowska:** Enhanced synaptic targeting of neuroligins in a mouse model of fragile X syndrome
- 17.30-18.00 **Jakub Włodarczyk:** Synaptic remodeling depends on signaling between serotonin receptors and the extracellular matrix