



HUN-REN KOKI – CAS CEBIT Joint Symposium

Scientific Program

April 11st

9.00-9.05

Beata Sperlagh and Zoltan Nusser: Opening remarks

AM session-1, chair: Viktor Varga

9.05-9.30

Mu-Ming Poo

Macaque models for brain disorders.

9.30-9.55

Zhen Liu

Gene-modified monkey models for brain research.

9.55-10.20

Zoltan Nusser

Physiological and morphological characterization of hippocampal pyramidal cells with distinct in vivo activities.

10.20-10.40

Coffee break

AM session-2, chair: Chun Xu

10.40-11.05

Shujia Zhu

Diverse NMDA receptor structures illuminate synaptic function and brain disorders.

11.05-11.30

Balazs Rozsa

Competition of cortical clusters during on-demand visual learning in immersive virtual reality.

11.30-11.55

Xiong Xiao

Basal Ganglia Control of Saliency Assignment.

11.55-12.20

Laszlo Acsady

Excitatory control of the human anterior thalamus.

12.20-13.20

Lunch

*PM session-1, chair: **Laszlo Acsady***

13.20-13.55

Ninglong Xu

Neural circuit mechanism for an intelligent behavior.

13.55-14.20

Eva Mikics

Mechanisms transmitting long-term neuropsychiatric consequences of perinatal asphyxia.

14.20-14.45

Qingming Luo

Visualizing Brain-wide Networks at Single-Neuron Resolution with Micro-Optical Sectioning Tomography.

14.45-15.10

Ferenc Matyas

Cortico-thalamic principles define the complexity of information processing in the mouse and human amygdala.

15.10-15.40

Coffee break

15.40-18.00

Lab visits

April 12th

*AM session-1, chair: **Eva Mikics***

10.00-10.25

Chun Xu

Hippocampal longitudinal circuit for temporal memories.

10.25-10.50

Viktor Varga

Gain modulation of theta rhythmic activity in the medial septum by the hippocampo-septal feedback.

10.50-11.15

Dun Mao

Hippocampal representations across tasks and context.

11.15-11.35

Coffee break

*AM session-2, chair: **Shujia Zhu***

11.35-12.00

Janos Szabadics

Axonal physiology and voltage imaging.

12.00-12.25

Long-Qi Liu

High-resolution panoramic spatial transcriptomics using DNA nanoball patterned arrays.

12.25-12.50

Goran Angelovski

Molecular fMRI as a powerful tool for visualization of neuronal activity.

12.50-14.00

Lunch

14.00-18.00

Lab visits