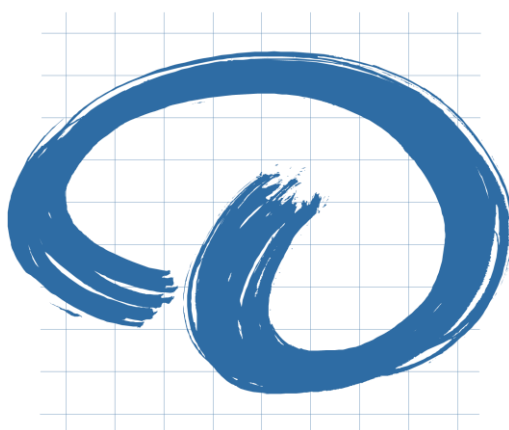


Institute of Experimental Medicine *Hungarian*
Academy of Sciences

XXI. SCIENTIFIC SYMPOSIUM

PROGRAMME GUIDE



October 6-7, 2017

Balatonfüred

**RESEARCH LABORATORIES OF IEM WITH HYPERLINKS TO THEIR
PUBLICATIONS**

PROF. GYÖRGY BUZSÁKI (NEW YORK UNIVERSITY, NEW YORK, USA)

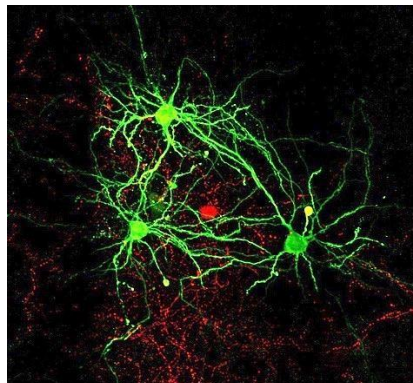
PROF. BARRY EVERITT (UNIVERSITY OF CAMBRIDGE, UK)

PROF. GEORGE KUNOS (NIH-NIAAA, BETHESDA, USA)

PROF. GARETH LENG (UNIVERSITY OF EDINBURGH, UK)

PROF. ISTVÁN MÓDY (UNIVERSITY OF CALIFORNIA, LOS ANGELES, USA)

PROF. JÁNOS SZOLCSÁNYI (PÉCS UNIVERSITY, PÉCS, HUNGARY)



COURTESY OF JUDIT VERES

FRIDAY, OCTOBER 6

11:00-11:10 WELCOME

TAMÁS F. FREUND

SESSION 1

MODERATOR: TAMÁS F. FREUND

11:10-11:30

PÉTER PAPP, A. SZÖNYI, R. GÖNCZI, K. ZICHÓ, Z. BARDÓCZI, K. SÓS, T. FREUND AND G. NYÍRI

A new cell type in median raphe controls aversive behavior

Laboratory of Cerebral Cortex Research

11:30-11:50

CSABA CSERÉP, B. ORSOLITS, N. LÉNÁRT, B. MARTINECZ, R. FEKETE, E. CSÁSZÁR, K. TÓTH,

B. PÓSFAL, ZS. KÖRNYEI AND A. DÉNES

Molecular anatomy and function of microglia-neuron communication hot spots

Laboratory of Neuroimmunology

11:50-12:10

ZOLTÁN KRISTÓF, VARGA, Á. ZSIGMOND, D. PEJTSIK, L. BÍRÓ, K. DEMETER, J. HALLER, M.

VARGA AND M. ALICZKI

Advantages and limitations of the zebrafish (*Danio rerio*) model in neurobehavioral research

Laboratory of Behavioural and Stress Studies

12:10-12:30

SNEZANA BALIND RAUS AND J. MAKARA

Heterogeneity of dendritic Ca²⁺ spikes in CA3 pyramidal neurons

Lendület Laboratory of Neuronal Signaling

12:30-12:50

PÉTER EGRI, D. NÉMETHY AND B. GEREBEN

Generation and characterization of a recombinant FRET sensor to assess cytoplasmic thyroid hormone levels in living cells

Laboratory of Molecular Cell Metabolism

13:00-14:20 LUNCH