

0.00 0.15



THE 1st BILATERAL MEETING OF THE NENCKI INSTITUTE PAN WARSAW AND INSTITUTE OF PHYSIOLOGY CAS PRAGUE

23 October 2017, Institute of Physiology CAS, Prague

9:00-9:13	introduction by directors Di. Jan Ropecky / Froi. Adam Szewczyk
	THE BEGINNINGS
9:15-9:30	Prof. Lech Wojtczak – Collaboration between IPHYS and the Department of Biochemistry of the Nencki Institute – how did it start?
9:30-9:45	Dr. Zdeněk Drahota – History of Nencki – IPHYS collaborations
9:45-10:15	Coffee
	MAIN THEMES AND PERSPECTIVES FOR COLLABORATION I Neurophysiology (15 min talk + 5 min discussion)
10:15-10:35	Prof. Ewelina Knapska (Laboratory of Emotions Neurobiology) Central amygdala mediates social emotions of different valence
10:35-10:55	Prof. Aleš Stuchlík (Dept. of Neurophysiology of Memory) Cognitive coordination and flexibility: The past and future outlooks for collaboration with the Nencki laboratories
10:55-11:15	Dr. Rafał Czajkowski (Laboratory of Spatial Memory) Strategy – specific involvement of retrosplenial cortex in spatial navigation
11:15-11:35	Dr. Hana Zemková (Dept. of Cellular and Molecular Neuroendocrinology) Excitatory and inhibitory neuronal modulation in hypothalamus by extracellular ATP
11:35-11:55	MSc. Zuzana Novosadová (Dept. of Neurohumoral Regulations) Circadian clock in pancreas
11:55-13:00	Lunch (for speakers only)
12.00 14.00	Visits of laboratories

	MAIN THEMES AND PERSPECTIVES FOR COLLABORATION II Cardiovascular physiology (15 min talk + 5 min discussion)
14:00-14:20	Prof. Adam Szewczyk (Laboratory of Intracellular Ion Channels) Mitochondrial potassium channels
14:20-14:40	MSc. Michal Bencze (Dept. of Experimental Hypertension) Contribution of calcium entry and calcium sensitization to blood pressure maintenance in hypertension development of spontaneously hypertensive rats
14:40-15:00	Prof. Paweł Dobrzyń (Laboratory of Molecular Medical Biochemistry) Metabolic reprogramming of the heart: the role of stearoyl-CoA desaturase
<i>15:00-15:30</i>	Coffee
	Metabolism and mitochondria (15 min talk + 5 min discussion)
15:30-15:50	Dr. Katarína Smolková (Dept. of Mitochondrial Physiology) Mitochondrial 2HG production as a function of IDH2 in breast cancer cells
15:50-16:10	Prof. Agnieszka Dobrzyń (Laboratory of Cell Signaling and Metabolic Disorders) Lipid Mediators in Regulation of Pancreatic Islet Function
16:10-16:30	Dr. Martin Rossmeisl (Dept. of Adipose Tissue Biology) Dietary n-3 fatty acids as phospholipids improve insulin sensitivity of the liver and skeletal muscle in dietary obese mice
16:30-16:50	Coffee
16:50-17:10	Prof. Mariusz Więckowski (Laboratory of Bioenergetics and Biomembranes) Mitochondrial diseases-related oxidative stress
17:10-17:30	Dr. Petr Pecina (Dept. of Bioenergetics) Animal and cellular models of OXPHOS complexes deficiencies
	Short talks about big themes
17:30-17:40	Ing. Josef Prchal (Dept. of Biological Controls) Preclinical testing of potential pharmaceuticals at IPHYS
17:40-18:00	Dr. Ondřej Kuda (Dept. of Adipose Tissue Biology) / Dr. Marek Vrbacký (Dept. of Bioenergetics) OMICS approaches at the IPHYS
18:00-19:00	Meeting of the boards of directors – strategic planning
19:00	Reception





