Nencki Institute of Experimental Biology

12 grants for the Nencki Institute from National Science Centre

2019-05-20

The National Science Centre has announced the ranking lists of projects approved for funding in 16th edition of OPUS and PRELUDIUM calls. Scientists from the Nencki Institute received financial support for 12 research projects.

OPUS - for a wide range of applicants. The research proposal submitted under this scheme may include the purchase or construction of research equipment.

Prof. **Malgorzata Kossut** - Studies on mechanisms of GABAergic plasticity in the interneurons and pyramidal cells in mouse hippocampus. Project in consortium with Wroclaw Medical University. The Principal investigator is Prof. Jerzy Mozrzymas.
Prof. **Katarzyna Nalecz** - Regulation of carnitine transporters secretory pathway by AKT - a kinase hyperactivated in cancer cells.
Prof. **Anna Nowicka** - Prioritized self-referential processing: effects of familiarity and emotional relevance
Dr hab. **Grazyna Mosieniak** - The role of autophagy in the regulation of secretion of extracellular vesicles and proteins at different stages of vascular smooth muscle cells senescence.
Dr hab. **Katarzyna Radwanska**, Prof. of the Institute - Deciphering activity of CA1 region during alcohol seeking and consumption.
Prof. **Malgorzata Skup** - Does DREADD and TrkB gene transfer targeted to selected motoneurons following spinal cord injury bring recovery of motor functions? Dependence between chemogenetic and neurotrophic activation and synaptic changes in motoneurons.

PRELUDIUM - for pre-doctoral researchers about to embark on their scientific career.

mgr **Patrycja Dzianok -** Executive attention, genetic risk of Alzheimer's disease and cingulate cortex: an EEG and fMRI study
mgr **Benjun Ji -** The impact of complete spinal cord transection and BDNF overexpression on the subunit composition and phosphorylation state of AMPAR and NMDAR on MNs innervating ankle flexor and extensor muscles
mgr Mateusz Kostecki - Socially acquired information about the food localization and the brain representation of the space
mgr inż. Natalia Ochocka - Simultaneous transcriptomic and immune phenotyping of glioma-infiltrating microglia and macrophages at the single-cell level
mgr **Joanna Plewko -** The development of letter and speech sound integration in children
mgr **Agnieszka Walewska -** Identification and characterization of a new potential heme-binding site in the mitochondrial large-conductance calcium activated potassium channel