

Nencki Institute of Experimental Biology

The National Science Centre awards 13 OPUS and 4 PRELUDIUM Grants to the Nencki Institute

2018-11-20



The National Science Centre has announced the ranking lists of projects approved for funding in 15th edition of OPUS and PRELUDIUM calls. Scientists from the Nencki Institute received financial support for 13 research projects in OPUS15 and for 4 project in PRELUDIUM15 competitions.

OPUS - Competition for research projects, which includes financing the purchase or production of research equipment

- dr Michał Bola - *The limits of unconscious processing. Is unconscious perceptual integration possible?*
- dr hab. Kalina Burnat-Kuijpers - *Inputs from V5/MT to V1 in cortical reorganization triggered by Retinitis Pigmentosa: significance and functions.*
- dr hab. Joanna Dzwonek - *Changes in the structural complexity of Golgi apparatus upon neuronal activation.*
- prof. dr hab. Anna Filipek - *Influence on inhibition of ribosome biogenesis on oligodendrocyte differentiation and myelination process.*
- dr Adam Hamed - *Emotional background of the context. Examination the role of serotonergic-glutamatergic co-transmission as emotional switch in arousal, controlled by ultrasonic vocalization in the "22-kHz" and "50-kHz" band.*
- dr Ewa Joachimiak - *Identification of central apparatus proteins and analysis of their role in cilia beating regulation*
- prof. dr hab. Katarzyna Kwiatkowska - *The role of diacylglycerol kinase epsilon, an enzyme of the phosphatidylinositol cycle, in the regulation of LPS-induced pro-inflammatory signaling of macrophages.*
- dr hab. Katarzyna Piwocka - *Tunneling nanotubes (TNTs) within the leukemia microenvironment; influence of metabolic remodeling and implications for therapy.*
- dr hab. Tomasz Prószyński - *Novel functions of alpha-dystrobrevin-1 and dystroglycan protein complex in regulation of neuromuscular junctions.*
- prof. dr hab. Elżbieta Szelaąg - *Individual differences in subjective experience of time: neuropsychological, EEG and fMRI markers.*
- prof. dr hab. Mariusz Więckowski - *The role of oxidative stress in the pathogenesis of Non-Alcoholic Fatty Liver Disease*
- prof. dr hab. Urszula Wojda - *MicroRNAs in blood as biomarkers for Alzheimer's disease: molecular signature for personalized therapy.*
- prof. dr hab. Krzysztof Zabłocki - *Biochemical bases of ectopic calcification of skeletal muscles in animal model of Duchenne muscular dystrophy (mdx mice).*

PRELUDIUM - Competition for research projects carried out by people starting a career in science, who do not hold a doctor's degree.

- mgr Paloma Álvarez-Suárez - *The role of Yap1 in the organization of dendritic tree in hippocampal neurons in vivo*
- lic. Marcin Piotr Pęziński - *The role of Tks5 protein in organization of the muscle postsynaptic machinery.*
- mgr Julian Marek Swatler - *BCR-ABL-containing leukemic extracellular vesicles as a novel, immunosuppressive factor controlling function of regulatory T cells.*
- mgr inż. Angelika Więckowska - *Western diet as a potent risk factor of Alzheimer's disease progression: influence of a long-term Western diet feeding on activation of resident microglia and monocyte-derived macrophages in early stage of Alzheimer's disease development.*