

Previous projects

VEGA 2/0028/14 The effect of signal transmission from internal organs on the extent of neuroendocrine stress response. *Tillinger Andrej, Ing. PhD.*

VEGA 2/0067/14 The role of endogenous catecholamines in modulation of neuro-immuno-endocrine response to stress in mesenteric adipose tissue. *Peter Vargovič Ing., PhD.*

VEGA 2/0119/15 Effects of oxytocin receptor ligands on differentiation of neuronal cells. *Zuzana Bačová, Mgr. PhD.*

VEGA 2/0028/16 The role of the nervous system in etiopathogenesis of experimental melanoma. *Horváthová Ľubica, Mgr. PhD.*

VEGA 2/0031/16 Investigation of the acute and repeated asenapine (ASE) treatments on the activity of neurons in extrastriatal brain areas, identification of activated neurons phenotype, and unclosing whether chronic mild stress preconditioning may alter the effect of ASE. *Alexander Kiss, RNDr. DrSc.*

VEGA 2/0116/16 Neuroendocrine effects on synaptogenesis during the brain development *Ján Bakoš, RNDr. PhD.*

VEGA 2/0038/18 Signaling pathways of morphological changes in neuronal cells. *Zuzana Bačová, Mgr. PhD.*

VEGA 2/0069/18 The role of neuroendocrine factors of stress response in the regulation of immune system activity in mammals- *Peter Vargovič, Ing. PhD.*

VEGA 2/0015/19 The role of urocortin 2 in the regulation of the stress response - *Andrej Tillinger, Ing. PhD.*

VEGA 2/0037/19 Impact of haloperidol and risperidone on neurogenesis and apoptosis in vitro and in vivo created model of schizophrenia- *Jana Osacká, RNDr. PhD.*

VEGA 2/0155/20 The significance of the interaction between scaffolding proteins and subcellular organelles in neuronal cells: the role of oxytocin –*Ján Bakoš, RNDr. PhD.*

MAD SR-PL Relationship between changes of oxytocin level and brain development. *Ján Bakoš, RNDr. PhD.*

APVV-SK-FR-2017-0012 Oxytocin role in the regulation of expression of GTPases in transgenic mouse model of neurodevelopmental disorder. *Ján Bakoš, RNDr. PhD.*

APVV-SK-FR-19-0015 Regulation of synaptic proteins in transgenic mouse model of neurodevelopmental disorder - *Ján Bakoš, RNDr. PhD.*

APVV-15-0205 Alterations in neuritogenesis related to neurodevelopment. *Ján Bakoš, RNDr. PhD.*

APVV-15-0037 Investigation of anatomical-functional differences between the effects of aripiprazole and quetiapine, atypical antipsychotics with similar therapeutic indications, but different impact on brain dopaminergic receptors, in experimental animals. *Alexander Kiss, RNDr. DrSc.*

APVV-17-0090 Neurobiological research of cancer: Investigation of bi-directional interactions between the nervous system and the tumor – *Boris Mravec, Prof. MUDr. PhD.*