

Comenius University Grants (UK)

- **Grant UK/155/2010**

Acid-activated ion channels in nociceptive neurons innervating the esophagus.

Principal investigator: Mgr. Lenka Surdeniková

- **Grant UK/21/2013**

Modulation of cough by afferent inputs at the nTS level - Model in the MATLAB programming environment.

Principal investigator: Ing. Silvia Gavliaková

- **Grant UK/278/2013**

Vocalization of animal models (cavia porcellus) with induced chronic visceral discomfort.

Principal investigator: MUDr. Juraj Halička

- **Grant UK/17/2017**

Optimization of the FLIM microscopic method for studying early factors involved in the pathogenesis of Parkinson's disease in a cellular model.

Principal investigator: Mgr. Michal Pokusa, PhD.

- **Grant UK/89/2017**

Characterization of the expression profile of voltage-gated sodium channels NaV1.1-NaV1.9 in afferent nerves mediating visceral pain by single cell RT-PCR.

Principal investigator: Mgr. Simona Švajdová

- **Grant UK/270/2018**

Receptors mediating communication between mast cells and sensory neurons.

Principal investigator: Mgr. Danica Jurčáková

- **Grant UK/130/2019**

Use of fluorescence lifetime analysis (FLIM) in the study of intracellular changes related to the development of Parkinson's disease in a model of differentiated dopaminergic SH-SY5Y cells.

Principal investigator: Mgr. Dominika Hajdúchová

- **Grant UK/105/2020**

Comparison of the sensitivity of methods for detecting α -synuclein aggregates in gastrointestinal tract tissues of a mouse model of Parkinson's disease.

Principal investigator: Mgr. Dominika Hajdúchová

- **Grant UK/176/2020**

Activation of nociceptive C-fibers by bee venom.

Principal investigator: Mgr. Danica Jurčáková

- **Grant UK/120/2023**

Study of changes in cough reflex sensitivity in a model of chronic allergic inflammation.

Principal investigator: MUDr. Janka Jakušová