

## Neurobiology, Master Studies Programme, 2024

Institution		Department/Laboratory	Themes
<b>VU Life Sciences Center</b>	<b>Institute of Biosciences</b>	Department of Neurobiology and Biophysics	<p>Influence of Attention on the Low and High Gamma-Band Auditory Steady-State Responses</p> <p>Cognitive Abilities During the Menstrual Cycle: how Subjective Evaluation Corresponds to Real Changes?</p> <p>Interaction Between Scene and Objects on their Perception</p> <p>The Effect of Low-Dose Cannabinol on Rat Sleep</p> <p>The Effect of Xkr8 Scramblase Deficiency on Electrophysiological Properties of Mouse Hippocampal Pyramidal Neurons During Postnatal Development</p> <p>Behavioural Visual Temporal Resolution in Owls</p> <p>Relationships Between Women's Subjective Attitude Towards Their Body and Changes in Body Composition During the Menstrual Cycle</p> <p>Investigation of the Link Between Action Potential Transmission Properties and the Electrophysiological Parameters of Tandem Internodal Cells of <i>Nitellopsis obtusa</i></p> <p>Evaluation of the Effects of Sex Hormones and Hormonal Status on Female Resting-State Brain Activity and its Link to Visual Working Memory</p> <p>Investigation of the Relationship Between Stress, Empathy and Testosterone in Men using Psychophysiological Methods</p> <p>Towards Developing an EEG-Based Brain Computer Interface for Obsessive Compulsive Disorder (OCD) Management: an Investigation of Error-Related Negativity (ERN) Signal and Long Short-Term Memory (LSTM) Networks</p>
<b>Center for Physical Sciences and Technology</b>	<b>Department of Functional Materials and Electronics</b>	Bioelectrics Laboratory	Development of a Microfluidic Chip for Studying Glioma Cell Adhesion
<b>Inovative Medicine Centre</b>	<b>Department of Stem Cell Biology</b>		The Effect of Paracrine Factors Released by Microglia on the Barrier Properties of Brain Endothelium