

LIST OF DISSERTATIONS TOPICS FOR DOCTORAL STUDIES COURSES IN 2020

NATURAL SCIENCES

Scientific area	Topics of doctoral dissertations	Supervisors
BIOPHYSICS – N 011	1. <i>Correlation of functional and morphological read-outs in preclinical models of glaucoma</i>	Dr. Giedrius Kalesnykas
	2. <i>Development of synaptic transmission in hippocampal pyramidal neurons</i>	Prof. Aidas Alaburda
	3. <i>Functionality of ion channels in differentiating mesenchymal stem cells</i>	Prof. Aidas Alaburda
	4. <i>Computational analysis of behavioral biomarkers to predict drug treatment response in alcohol use disorder</i>	Prof. Valentina Vengeliënė
	5. <i>Neuromodulation of auditory steady-state responses</i>	Dr. Inga Griškova-Bulanova