

List of Dissertation Topics and Possible Supervisors in Biology (2019)

Dissertation Topic	Institution	Supervisors
Advanced therapy medicinal products separation from similar innovative medicine technologies and peculiarities, differences and problems of regulation.	State Research Institute Centre for Innovative Medicine	Dr. Mykolas Mauricas
Investigation of the neuroprotective effects of extracellular vesicles	State Research Institute Centre for Innovative Medicine	Dr. Augustas Pivoriūnas
Preclinical rabbit vascular leak modelį, imitating diabetic retinopathy conditions	State Research Institute Centre for Innovative Medicine	Dr. Giedrius Kalesnykas Dr. Mykolas Mauricas
Modelling of individualized immunotherapeutic strategies for ovarian cancer	State Research Institute Centre for Innovative Medicine	Dr. Mauricas Mykolas
Regulation of human cartilage tissue regeneration	State Research Institute Centre for Innovative Medicine	Dr. Eiva Bernotienė
Development and operational testing of new tools, technologies and biomarkers for the early diagnosis of osteoarthritis	State Research Institute Centre for Innovative Medicine	Dr. Ali Mobasheri
Complex assessment of indoor and outdoor air quality and evaluation of health impacts)	Vytautas Magnus University	Doc. Dr. Audrius Dėdelė
Investigation of vectors and vector-borne parasites and pathogens	Vytautas Magnus University	Doc. Dr. Vaclovas Jurgelevičius
	Vytautas Magnus University	Prof. dr. Jana Radzijeuskaja
Impact of climate change and antropogenic press to shift in genetic structure of populations during adaptation process	Vytautas Magnus University	Prof. dr. Algimantas Paulauskas
The application of nanoelectroporation for small molecule electrotransfer and electrotransfection <i>in vitro</i> ir <i>in vivo</i> conditions	Vytautas Magnus University	Dr. Paulius Ruzgys
Influence of intracellular calcium concentration on efficiency of intracellular delivery of drugs and nucleic acids	Vytautas Magnus University	Prof. dr. Saulius Šatkauskas
Chitosan application for effective fertilizers use in agriculture	Vytautas Magnus University	Doc. dr. Vykintas Baublys Doc. dr. Vaida Tubelytė
Chitosan application for food safety	Vytautas Magnus University	Doc. dr. Vykintas Baublys Doc. dr. Vaida Tubelytė
Role of biocidal systems in the functions of microbiota components	Nature Research Centre	Doc. dr. Elena Servienė
Investigation into genetic diversity and anthropogenic impact on formation of population genetic structure of widespread species of birds (mallard, woodpigeon), fish (perch, roach) and aquatic plants (common duckweed) in the Baltic countries.	Nature Research Centre	Dr. Dalius Butkauskas
Effect-response framework in cyanophage-cyanobacterium interactions: Implications for ecosystem functioning	Nature Research Centre	Dr. Sigitas Šulčius