

Molecular biotechnology, Master Studies Programme, 2022

Institution		Department/Laboratory	Themes
VU Life Sciences Center	Institute of Biochemistry	Department of Molecular Cell Biology	The Anticancer Effect of Venetoclax, Metformin and S63845 on Resistant Acute Myeloid Leukemia Cells
		Department of Molecular Microbiology and Biotechnology	Molecular Modelling and The Study of The Structure-Function Relationship of Cytidine Deaminases
	Institute of Biotechnology	Department of Biothermodynamics and Drug Design	Production of Beta-Carbonic Anhydrases from <i>Pseudomonas aeruginosa</i> and Biothermodynamical Analysis of Their Interaction With Potential Inhibitors Production of <i>Escherichia coli</i> Beta-Carbonic Anhydrases and Biothermodynamical Analysis of their Interaction with Compounds
		Department of Protein – DNA Interactions	Investigation of a Type I-F CRISPR-Cas Inhibition by AcrIF6 and AcrIF9
		Department of Immunology and Cell Biology	Generation of Immunological Tools to Investigate <i>Gardnerella spp.</i> Adhesive Proteins Optimization and Application of Molecular Diagnostic Tools to Identify and Characterize <i>Neisseria meningitidis</i> in Specimens Collected in Lithuania
		Sector of Microtechnologies	The Development of Microcapsules for Isolation and Cultivation of Mammalian Cells Development of Semi-Permeable Capsules: a Versatile Tool for Biomedical Applications
		Sector of Applied Biocatalysis	Development of Heterologous Gene Expression System in Yeasts for the Production of Biocatalysts