Molecular Biology, Master Studies Programme, 2023

Institution		Department/Laboratory	Themes
VU Life Sciences Center	**Institute of Biosciences**	Department of Biochemistry and Molecular Biology	Opportunistic pathogen *Stenotrophomonas maltophilia* inactivation by the combination of antibiotics and photodynamic therapy
		Department of Microbiology and Biotechnology	Investigation of Polysaccharide Lyases of *Paenibacillus sp.* 23TSA30-6 Investigation of the *Saccharomyces cerevisiae* Anti-prion System SIW14
		Department of Neurobiology and Biophysics	The Application of Lactadherin C2 Domain for *in vitro*, *ex vivo* and *in vivo* Labeling of Phosphatidylserine Exposure
	Institute of Biotechnology	Department of Biological DNA Modification	Nanopore Sequencing-based Detection of Synthetic DNA Modifications Investigation and Characterization of 5'-NAD-RNA Hydrolysis Associated Proteins in *Escherichia coli* and *Lactococcus lactis*
		Department of Immunology and Cell Biology Gene	Characterisation of Monoclonal Antibodies Against SARS-CoV-2 Virus Spike Protein The Impact of PTBP1 Protein on Splicing of MAPT Gene Associated With Neurodegenerative Diseases Under Normoxic and Hypoxic Conditions
Vytautas Magnus University	**Faculty of Natural Sciences**		Different Plant Seeds Response to The Cold Plasma Treatment
Center for Physical Sciences and Technology	**Department of Functional Materials and Electronics**	Bioelectrics Laboratory	The Effect of Microsecond Pulsed Electric Field on NFAT-SEAP Reporter System Expression in Mammalian HEK293 Cell Line
Thermo Fisher Scientific Baltics			Research of the Reverse Transcription Activity of the Thermostable Tth DNA Polymerase Development of a Novel Isothermal DNA Amplification Method