

Biochemistry, Master Studies Programme, 2024

Institution		Department/Laboratory	Themes
VU Life Sciences Center	Institute of Biosciences	Department of Biochemistry and Molecular Biology	Genomic Determinants of the Virus Diversity in Wild-Type <i>Metschnikowia</i> Yeasts
	Institute of Biochemistry	Department of Molecular Microbiology and Biotechnology	The Potential of α -L-Fucosidases to Use Alkyl Fucosides as Donors in Transfucosylation Reactions
		Department of Biological Models	Construction of Artificial Urethral Tissue using a 3D Bioprinted, Cell-laden Gelatin Methacrylate and Silk Fibroin Hydrogel
	Institute of Biotechnology	Department of Protein – DNA Interactions	Functional and Structural Analysis of Type I-D and I-F CRISPR-Cas Systems and Their Associated Proteins Bioinformatic and Structural Analysis of TIR Proteins from Prokaryotic Antiviral System Thoeris Characterization of Novel <i>Escherichia coli</i> Antivirus Defense System
		Department of Biological DNA Modification	Characterization of Murine DNA Methyltransferase Dnmt3aC-Dnmt3LC1 Complex
		Department of Single Cell Analytics	The Optimization of Single-step Polyadenylation and Reverse Transcription Reaction for Single-cell Small RNA Sequencing Development of Semi-permeable Microcapsules for Single-cell Gene Expression Research
Nature Research Centre	Laboratory of Genetics	Antiviral Effect of Plant Extracts	
National Cancer Institute	Research Departments	Laboratory of Immunology	Prognostic Role of Circulating Immune Factors in Prostate Cancer

Centre of Innovative Medicine			Chemo- and Immunotherapy Nebulized Drug Efficacy Experiments <i>in vitro</i>
UAB Experimentica			Study of The Neuroprotective Effect of BDNF on Retinal Ganglion Cells
Thermo Fisher Scientific Baltics			Application of the Thermal Shift Method for Accelerated Protein Stability Studies