Biochemistry, Master Studies Programme, 2022

Institution		Department/Laboratory	Themes
VU Life Sciences Center	**Institute of Biosciences**	Department of Biochemistry and Molecular Biology	Changes of Expression of B7 Family Proteins in Chemoresistant Colorectal Cancer Cells
	Institute of Biochemistry	Department of Bioanalysis	Investigation of Kinetics of PQQ Dependend Glucose Dehydrogenase Native and Mutant Forms
		Department of Molecular Microbiology and Biotechnology	Aminotransferases for Chiral Amine Synthesis: Characterisation of Novel Enzymes Investigation of 2-Oxoglutarate and Iron(II) Dependent 2'-O-Methylnucleoside Demethylases Modification of Bacteriophage vB_KleM-RaK2 Tail Sheath Protein gp041 and Investigation of the Formed Structures
	Institute of Biotechnology	Department of Protein – DNA Interactions	Investigation of Type III CRISPR-associated Hypothetical Ring Nuclease Protein Complexes and BrxL Activity in Bacterial BREX Protection System
		Department of Biological DNA Modification	The Investigation of Enzymatic Activity of Mammalian N6-Adenosine Methyltransferase Mettl4 *in vitro*
		Department of Biothermodynamics and Drug Design, Group of Amyloid Research	Effect of Sulfonamides and Alpha-synuclein on Superoxide dismutase-1 Aggregation
National Cancer Institute		Laboratory of Molecular Oncology	Analysis of Resistance to Cannabinoids Formation in Human Lung Adenocarcinoma Cell Cultures
Thermo Fisher Scientific Baltics			Analysis of Properties of Potentially Thermostable T7 RNA Polymerase Mutants Oriented Immobilization of Recombinant Antibodies on Magnetic Beads