Mikrobiology, master degree studies, 2024

Institution		Department/Laboratory	Themes
Life Sciences Center	**Institute of Biosciences**	Department of Microbiology and Biotechnology	Creation of Mutant Variants of Yeast Protein Sup35 GNNQQNY Sequence and Their Expression in *Saccharomyces cerevisiae* Cells Biosynthesis of Enzymes with Proteolytic Activity Creation of Mutant Variant K102R of Yeast Protein Sup35 and Its Expression in *Saccharomyces cerevisiae* Cells Investigation of a Hypothetical Collagen-like Protein (GclB) of the Thermophilic Bacterium *Geobacillus Lituanicus* N-3 Application of Antimicrobic Photodynamic Therapy for Inactivation of the Thermophilic Bacterium *Parageobacillus toebii* Analysis of the Antimicrobial Effect of Lanthanum (III) Nitrate Hexahydrate Prevalence of Antibiotic and Heavy Metal Resistance Genes in Landfill Microbiota
		Department of Biochemistry and Molecular Biology	Analysis of Virulence Factors in Clinical and Environmental Isolates of Opportunistic Pathogen *Stenotrophomonas maltophilia*
	Institute of Biochemistry	Department of Biological Models	Investigation of the Effects of Cobalt Oxide and Silver Nanoparticles Produced by Bacterial Induced Synthesis on Human Keratinocytes and Gingival Cells
		Department of Molecular Microbiology and Biotechnology	Investigation of Potential Crispr-Associated Nuclease Cas4 from *Bacillus* Phage vB_BauM_KLEB27-3
Nature Research Centre		Laboratory of Biodeterioration Research	Yeast in the Gut of Hermit Beetle (*Osmoderma barnabita*, Motschulsky, 1845), Their Enzymatic Activity
		Laboratory of Chemical and Behavioural Ecology	Reaction of the Entomopathogenic Nematodes *Steinernema carpocapsae* and *S. kraussei* to 1-nonene
		Laboratory of Plant Pathology	Taxonomic Diversity of Fungal Spores in Oak Stands

		Laboratory of Genetics	Antimicrobial Activity Analysis of *Hermetia illucens* Larvae Products
National Cancer Institute	**Research Departments**	Laboratory of Immunology	The Development of a Modular Detection System Based on Protein L to Characterise the Phenotype of Anti-CD19 CAR Cells and to Determine the Dynamics of Immunosuppressive and Inflammatory Markers
National Food and Veterinary Risk Assessment Institute		Molecular Biology and GMO Unit	Identification and Genomic Analysis of Shiga Toxin-Producing *Escherichia coli* Isolated from Beef