

Microbiology, Master Studies Programme, 2025

Institution		Department/Laboratory	Themes
Life Sciences Center	Institute of Biosciences	Department of Microbiology and Biotechnology	<p>Identification and Analysis of Bacterial Lipolytic Enzymes Degrading Pyrethroids</p> <p>Effects of Microgravity on Yeasts with Different Telomere Length and Resistance to Antifungal Compounds</p> <p>Identification of Pathogenesis Mechanisms and Biofilm Formation Factors in Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) Strains</p> <p><i>Geobacillus stearothermophilus</i> Sporulation and Spore Photodynamic Inactivation</p> <p>Bacterial Diversity and Polyketide Biosynthesis Potential in Soil Samples of Vilnius City Greenery</p> <p>Biofilm Formation and Antibiotic Resistance by Isolates from Kazokiškės landfill</p> <p>Study of Proteolytic Activity of Psychrophilic Bacteria Isolated from the Krubera-Voronja Cave</p> <p>Study of Xylanolytic Activity of Psychrophilic Soil Bacteria</p>
		Department of Botany and Genetics	<p>The Ascomycota Root Endophytes Growth-Promoting Effect of Volatile Organic Compounds (VOCs) and Spore Inoculation on Plant Growth</p> <p>Effects of Lanthanum (La) Compounds on the Green Algae <i>Haematococcus pluvialis</i></p>
	Institute of Biochemistry	Department of Molecular Microbiology and Biotechnology	Investigation of Metagenomic GH 151 Family Fucosidases
	Institute of Biotechnology	Sector of Amyloid Research	Research of the Recombinant Amyloid-Beta Aggregates Formed in Artificial Cerebrospinal Fluid

State Scientific Research Institute Nature Research Centre		Laboratory of Plant Pathology	Study of the Diversity and Characteristics of Fungi Colonizing Four Tree Species in the Punios Šilas Strict Nature Reserve
		Laboratory of Mycology	Effects of Antifungal Drugs, Bacterial Agent M20G, Temperature and Electroporation on Oomycota of Saprolegniales Order
UAB Droplet Genomics			Application of Hydrogel Microcapsules for Nucleic Acid Analysis from Fixed Single Bacterial Cells