

Biology, Bachelor Studies Programme, 2025

Institution		Department/Laboratory	Themes
Life Sciences Center	Institute of Biosciences	Department of Botany and Genetics	Carbon and Nitrogen Allocation Pattern Assessment in Different Parts of the Least Moonwort (<i>Botrychium simplex</i> E. Hitchc.) and Neighbouring Plants <i>In Vitro</i> Studies on Spores of <i>Dryopteris</i> Adans. Ferns Native to Lithuania Carbon and Nitrogen Balance Assessment in <i>Vaccinium</i> L. Growing in Association with <i>Lycopodium annotinum</i> L.
		Department of Zoology	Insect (<i>Insecta</i>) Diversity in Dead Wood Partially Submerged in Running Water Effectiveness and Problems of Regulating the Abundance of Invasive Slugs Field Testing Results of the Effectiveness of Molluscicides with Iron Phosphate Evaluation and Comparison of the Genotoxic Effects of Phthalates on Rat Bone Marrow Cells Characterization of pigments and organics present in the shell of the Mediterranean thorny oyster- <i>Spondylus gaederopus</i> <i>Hymenoptera</i> in Dead Wood of Deciduous Trees in Three Protected Areas in Lithuania Diversity of True Hoppers (<i>Hemiptera</i>, <i>Auchenorrhyncha</i>) in Transitional Mires and Fens and in Alkaline Fens of the Kuršėnai Area
		Center of Ecology and Environment	Mammalian Diversity and Activity at Feeding Stations in the Ukmergė District
		Department of Neurobiology and Biophysics	Wistar rat migraine modeling using nitroglycerin (NTG) model Influence of the Housing Environment on the Behaviour of Horses (<i>Equus ferus caballus</i> L.): Development of Stable-vices

Nature Research Centre		Laboratory of Plant Pathology	Inventory of the Herbarium of Plant Pathogens and Assessment of the Viability of Fungi
		Laboratory of Chemical and Behavioural Ecology	<i>Aculeata (Hymenoptera)</i> in Restored Inland Dunes in Dzūkija National Park
		Laboratory of Entomology	Species Diversity and Seasonal Flight Activity of <i>Culicoides</i> Biting Midges (<i>Diptera, Ceratopogonidae</i>) in the Akmenė and Visaginas Districts
		Laboratory of Molecular Ecology	Investigation of <i>Sarcocystis</i> Parasites in the Muscles of Small Passerine (Passeriformes) Birds Investigation of Parasites in Muscle Tissue of Mustelidae from Lithuania and Latvia Identification of <i>Sarcocystis</i> Species in the Feces of Domestic Dogs in Vilnius City
		Laboratory of Evolutionary Ecology of Hydrobionts	Dietary Niche of the Invasive North American amphipod <i>Gammarus tigrinus</i> in the Brackish Waters of the South-eastern Baltic Region
		P. B. Šivickis Laboratory of Parasitology	Study on the Malarone Treatment of Common Buzzards (<i>Buteo buteo</i>) Infected with Haemosporidian Parasites
		Laboratory of Flora and Geobotany	Potential and Realised Seed Production of Native and Alien <i>Solidago</i> Species in Lithuania The effect of the alien <i>Vinca minor</i> on forest plant species diversity and habitats
		Laboratory of Avian Ecology	Studies on the Flight Behavior of the Osprey (<i>Pandion haliaetus</i>) During the Breeding Season The Activity Range of Greylag Geese (<i>Anser anser</i>) and its Changes in the Žuvintas Biosphere Reserve and Surrounding Areas During the Breeding Season Study of Osprey (<i>Pandion haliaetus</i>) Prey Delivered to the Nest During Breeding Season Applying Video Surveillance Approach Breeding Patterns and Trends of the White Stork (<i>Ciconia ciconia</i>) 2010–2024 in the Trakai and Rokiškis Municipalities

National Cancer Institute	Biobank		The Response of Breast Cancer Cells of Varying Malignancy to Flavonoid Treatment
State Research Institute Innovative Medicine Centre		Department of Regenerative Medicine	Evaluation of the Effect of Mitochondria-Containing Extracellular Vesicles Secreted by Mesenchymal Stem Cells on Doxorubicin-Induced Hypertrophy in AC16 Cardiomyocytes