

Biology, Bachelor Studies Programme, 2024

Institution		Department/Laboratory	Themes
Life Sciences Center	Institute of Biosciences	Department of Botany and Genetics	Investigation of Male Fern (<i>Dryopteris filix-mas</i> (L.) Schott) Spore Germination <i>in Vitro</i> Laboratory Cultivation of Green Algae <i>Scenedesmus</i> sp. in Vilnius City Wastewater Changes in Plant Species Composition and Cover After Dam Construction in Pūsčia and Sachara Peatlands
		Department of Zoology	The Features of Goshawk (<i>Accipiter gentilis</i>) Nest Sites Choice in the City of Vilnius and It's Surroundings The Species Diversity of Bats in the Verkiai and Pavilniai Regional Parks The Monitoring and Record of Lesser Spotted Eagle (<i>Clanga pomarina</i>) in Biržai Forest Biosphere Polygon Diversity and Activity of Bats (<i>Chiroptera</i>) in Alytus City
	Institute of Biotechnology	Department of Eukaryote Gene Engineering	Influence of the Tbx5a Gene on the Heart and Fins Development of Zebrafish (<i>Danio rerio</i>)
Nature Research Centre		Laboratory of Plant Physiology	Effect of Cold Stress on Polyamine Biosynthesis in Winter Oilseed Rape (<i>Brassica napus</i>) Possibilities of Using Probiotics Compounds in Order to Reduce the Damage Caused by Herbicides to Plants
		Laboratory of Chemical and Behavioural Ecology	Search of Oviposition-Influencing Substances for Female Yellow Mealworms (<i>Tenebrio molitor</i> L.) Effects of Volatile Compounds of <i>Aspergillus Flavus</i> Link on adults of the <i>Tenebrio molitor</i> L. Developmental Biology of <i>Otiorhynchus salicicola</i> (Coleoptera, Curculionidae)
		Laboratory of Economic Botany	Influence of Phytohormone Concentration on <i>Thymus</i> × <i>Citriodorus</i> Essential Oil Amount and Leaf Epidermal Anatomical Structures

		Laboratory of ecotoxicology	Effect of Veterinary Antibiotics on Freshwater Crustaceans Experimental Study on the Biological Effects of Microplastics on Rainbow Trout (<i>Oncorhynchus mykiss</i>)
		Laboratory of Entomology	Avian Blood Parasites (Haemosporida, Trypanosomatida) in Mosquitoes of the Genus <i>Culex</i> Blood Meal Analysis of <i>Culicoides</i> (Diptera: Ceratopogonidae) Biting Midges
		Laboratory of Mycology	Benefits of Polyculture and Extraction of Summer Truffle (<i>Tuber aestivum</i>) Mycelium from Host Plant Gasteroid Fungi in Lithuania: Diversity, Distribution, Ecology
		Laboratory of Evolutionary Ecology of Hydrobionts	Glacial Relict Crustaceans in the Lakes of Lithuania
		P. B. Šivickis Laboratory of Parasitology	Identification of Haemosporidian Parasite (<i>Haemoproteus</i>) Vectors Using Microscopy and DNA Data Investigation of Haemosporidian Parasite Infections in Birds of Prey in Greece Molecular Diagnostics of Haemosporidian Parasites of Tawny Owls (<i>Strix aluco</i>)
		Laboratory of Flora and Geobotany	Population and Habitat Diversity of the Broad-leaved Helleborine (<i>Epipactis helleborine</i> L.) in Anthropogenic Habitats in Lithuania
		Laboratory of Quaternary Research	Younger Dryas Mean July Temperature Reconstruction in Southern Lithuania from Chironomidae Data Analysis of Hourly Radial Changes in the Trunk of Scots pine (<i>Pinus sylvestris</i> L.) Growing in Bog Pines
		Laboratory of Fish Ecology	Status of European Clsco (<i>Coregonus albula</i> L.) in Lithuanian Lakes Depending on Environmental Conditions
Directorate of Aukštaitija Protected Areas	Sartai Regional Park		Inventory and Diversity of Natural Habitats Protected by the European Community in Ilgašilis Botanical-Zoological Reserve