

Genetics Master Studies Programme, 2021

Institution		Department/Laboratory	Themes
Life Sciences Center	Institute of Biosciences	Department of Botany and Genetics <i>Human Genome Research Group</i>	miRNA Analysis of Lung Resident and Inflammatory Eosinophils in Asthma
		Department of Botany and Genetics <i>Laboratory of Plant Molecular Genetics</i>	Investigation of Aluminum Toxicity Response of Newly Created Lithuanian Barley Cultivars Genetic characterization of barley pleiotropic flower/inflorescence developmental mutants <i>tweaky spike</i> using comparative genome analysis
		Department of Biochemistry and Molecular Biology	Functional Studies of Human Fibroblasts Carrying an Intragenic Deletion in the MED13L Gene Role of ScV-LA Virus in Transposition Frequency of Yeast <i>Saccharomyces cerevisiae</i>
	Institute of Biochemistry	Department of Biological Models	Adipose-derived Stem Cell Secretome for the Treatment of Fibrosis
	Institute of Biotechnology	Department of Biological DNA Modification	Analysis of RNA Sequencing Data in Neuroblastoma Cell Lines
		Department of Eukaryote Gene Engineering	The Synthesis of Plant Allergens in Nicotiana Benthamiana Transient Gene Expression System
		Department of Immunology and Cell Biology	Synthesis of Recombinant Allergens in Mammalian and Bacterial Expression Systems and Study of Their Antigenicity
	National Cancer Institute	Laboratory of Genetic Diagnostic	Search of New Genetic Markers for Ovarian Cancer
	Lithuanian University of Health Sciences	Clinic of Pulmonology	
Vilnius university hospital Santaros Klinikos	Center for Hematology, Oncology and Transfusion Science	Molecular Medicine Laboratory	Analysis of Chromosomal Aberrations and Specific Mutations in Brain Tumor Cells

Thermo Fisher Scientific Baltics			New Sequencing Methods for the Detection of Fusion Transcripts in Prostate Cancer M-MuLV Reverse Transcriptase <i>In Vitro</i> Evolution Method Development
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