

LIST OF DISSERTATIONS TOPICS FOR DOCTORAL STUDIES COURSES IN 2021

MEDICINE AND HEALTH SCIENCES

Scientific area	Topics of doctoral dissertations	Supervisors
MEDICINE – M 001	1. <i>High density lipoprotein composition and function testing for atherosclerosis risk assessment</i>	Doc. Dovilė Karčiauskaitė
	2. <i>Epidemiology and characteristics of adverse drug reactions</i>	Prof. Vytautas Basys
	3. <i>The role of chest MRI in diagnosis of lung disease as compared to traditional diagnostic modalities (CT, PET/CT, EUS)</i>	Doc. Jūratė Dementavičienė
	4. <i>Analysis of de novo variants and significance for genome adaptability in Lithuanian premature newborn's cohort</i>	Doc. Aušra Matulevičienė
	5. <i>Analysis of genetic causes and genotype-phenotype relationships of inherited cardiomyopathies</i>	Doc. Eglė Preikšaitienė
	6. <i>Modelling of Urothelial Bladder Carcinoma Microenvironment by Digital Pathology and Artificial Intelligence Methods</i>	Prof. Arvydas Laurinavičius
	7. <i>The role of human genetic variation in etiopathogenesis of COVID-19 disease</i>	Doc. Živilė Maldžienė
	8. <i>Evaluation of SARS-CoV-2 induced myocardial structural changes using magnetic resonance T1 and T2 mapping</i>	Prof. Nomeda Rima Valevičienė
	9. <i>The evaluation of uterine sentinel lymphnodes visualisation</i>	Doc. Vilius Rudaitis
	10. <i>Peculiarities of detoxification of patients using prescription opioids</i>	Prof. Jūratė Šipylaitė
	11. <i>The application of the endolaryngeal endoscopic minimally invasive methods for the early diagnostics and treatment of the laryngeal lesions</i>	Prof. Eugenijus Lesinskas
	12. <i>Combined treatment of gastric cancer peritoneal metastases with aerosol high-pressure intraperitoneal chemotherapy (pipac) and systemic chemotherapy: a feasibility study</i>	Prof. Kęstutis Strupas
	13. <i>Association between liver steatosis and risk factors for cardiovascular diseases among patients with metabolic syndrome</i>	Doc. Jolita Badarienė
	14. <i>Efficacy of local anti-fibrotic and anti-inflammatory medications (mitomycine, triamcinolone, pirfenidone) in prevention of recurrence after surgical urethral strictures treatment</i>	Prof. Feliksas Jankevičius

	15. <i>Follow-up analysis of the sequela of COVID-19 pneumonia: influence on pulmonary function and quality of life; analysis of prognostic immune and genetic factors</i>	Prof. Ligita Jančorienė
	16. <i>Research of COVID-19 disease predictive indicators</i>	Prof. Ligita Jančorienė
	17. <i>Intratumoral genetic heterogeneity in brain gliomas</i>	Prof. Saulius Ročka
	18. <i>Determination of treatment outcome predictors in epilepsy patients based on gene polymorphism and dynamics of electroclinical symptoms</i>	Prof. Rūta Mameniškienė
	19. <i>Multimic biomarkers in people with a history of suicide attempt and their clinical significance</i>	Prof. Sigita Lesinskiene
	20. <i>Chemical burns in emergency department: eye injuries, secondary glaucoma – characteristics and future perspectives</i>	Prof. Pranas Šerpytis
	21. <i>Epigenetic biomarkers of subclinical atherosclerosis in a metabolic syndrome patient group</i>	Dr. Rokas Navickas
	22. <i>Heritable channelopathies in Lithuania: genetic factors and phenotype features</i>	Prof. Audrius Aidietis
	23. <i>Research on innovative long-term remote monitoring of cardiac patients and modeling of a personalized cardiometabolic risk predictive algorithm based on artificial intelligence and machine learning</i>	Prof. Aleksandras Laucevičius
	24. <i>The changes and modulation of gut microbiota in children with autistic spectrum disorders</i>	Prof. Vaidotas Urbonas
	25. <i>Impact of different rehabilitation programs on children's with feet deformities lower limbs and muscle functions)</i>	Prof. Juozas Raistenskis
	26. <i>Identification and analysis of genomic and phenomic biomarkers associated with sarcopenia and frailty in the elderly</i>	Prof. Vidmantas Alekna