

LIST OF DISSERTATIONS TOPICS FOR DOCTORAL STUDIES COURSES IN 2022

MEDICINE AND HEALTH SCIENCES

Scientific area	Topics of doctoral dissertations	Supervisors
MEDICINE – M 001	1. <i>Age dynamics of Lithuanian male facial parameters, age and attractiveness evaluation criteria and biopsychosocial factors</i>	Prof. Renata Šimkūnaitė-Rizgeliene
	2. <i>Genomic factors determining transmission, virulence and drug resistance of Mycobacterium tuberculosis strains in Lithuania</i>	Doc. Tomas Kačergius
	3. <i>Investigation of the role of myokines in immunometabolism to assess the risk of metabolic syndrome and the impact of physical activity on person's health</i>	Prof. Vaiva Hendrixson
	4. <i>The analysis of molecular and immunological profiles of couples with unknown origin infertility</i>	Prof. Violeta Kvedariene
	5. <i>Evaluation of myocardial structural changes in patients after COVID-19 disease using magnetic resonance T1 and T2 parametric mapping</i>	Prof. Nomedas Rima Valevičienė
	6. <i>Phenotype-geno.type correlation analysis of patients with overgrowth disorders</i>	Prof. Algirdas Utkus
	7. <i>Correlations between clinical, ultrasound and biochemical parameters of puberty in Lithuanian girls and analysis of maturation criteria</i>	Prof. Žana Bumbulienė
	8. <i>The application of the endolaryngeal endoscopic minimally invasive methods for the early diagnostics and treatment of the laryngeal lesions</i>	Prof. Eugenijus Lesinskas
	9. <i>Metabolism and homeostasis of amino acids in critical care patients on renal replacement therapy; effect on clinical outcome</i>	Prof. Jūratė Šipylaitė
	10. <i>Predictors of COVID-19 patient's readmissions to the emergency department, reasons of hospitalizations and outcome</i>	Doc. Andrius Klimašauskas
	11. <i>Colorectal adenoma-carcinoma sequence rediscovered: human gut microbiota in health and carcinogenesis</i>	Prof. Tomas Poškus
	12. <i>Personalization of renal replacement therapy with novel predictive markers of collagen imaged with polarimetric second harmonic generation microscopy and artificial intelligence optimization algorithms</i>	Prof. Marius Miglinas
	13. <i>Investigation of predictive factors for Hymenoptera venom specific immunotherapy efficacy</i>	Prof. Laura Malinauskienė

	14. <i>The impact of cerebrospinal fluid biomarkers and metabolic factors on cognitive symptoms and progression of Alzheimer's disease</i>	Prof. Gintaras Ferdinandas Kaubrys
	15. <i>Objectified autonomic nervous system assessment in migraineurs</i>	Doc. Kristina Ryliškiene
	16. <i>A study of the state of mental health in children: changes in dynamics and the impact of the COVID pandemic</i>	Prof. Sigita Lesinskiene
	17. <i>Analysis of infection complications related with breast implants, treatment after mastectomy and reconstruction with implants</i>	Prof. Narūnas Porvaneckas
	18. <i>Accuracy assessment of the surgical risk calculators and laboratory markers in predicting postoperative complications and mortality for patients after proximal femoral fracture</i>	Prof. Valentinas Uvarovas
	19. <i>Assessment of diagnostic and prognostic value of combined anatomical and functional cardiac blood flow imaging</i>	Prof. Sigita Glaveckaitė
	20. <i>Prognostication of outcomes for heart failure patients: bio- and imaging markers study</i>	Prof. Jelena Čelutkienė
	21. <i>Early and late changes in left ventricular pressure and volume after percutaneous aortic valve implantation in patients with severe aortic stenosis</i>	Prof. Giedrius Davidavičius
	22. <i>Impact of hypoxia and immune response on outcomes of pediatric central nervous system tumors</i>	Doc. Jelena Rascon
	23. <i>Acute kidney injury for dehydrated children – predisposing factors and outcomes</i>	Prof. Augustina Jankauskienė
	24. <i>Key health research integrity issues in Lithuania: responsible authorship, publishing and data management</i>	Prof. Eugenijus Gefenas