

## Current PhD Thesis

### *Medicine*

<i>Nº</i>	<i>PhD student</i>	<i>PhD Thesis</i>	<i>Supervisor</i>
1.	L. Makhaldiani	Molecular and Genetic Basis of Inherited Thrombophilia and Its Role in the Pathogenesis of Primary and Recurrent Deep Venous Thrombosis in Georgian Population	Assoc. Prof. M. Abashidze, Assoc. Prof. N. Pirtskhelani
2.	M. Sekhniashvili	Clinical and Electrophysiologic Predictors of Critical Illness Polyneuromyopathy Associated with Sepsis	Prof. M. Janelidze,
3.	N. Tavdgiridze	Phenotypic Properties and Proliferative-Apoptotic Indices of Ovarian Germ Cell Tumours	Assoc. Prof. G. Tevdorashvili
4.	T. Gamkrelidze	Efficacy of Maintenance Therapy in the Treatment of Drug Dependence in Georgia	Prof. Kh. Todadze
5.	N. Adamashvili	Role of Microbiome in the Development of Cervical Neoplasia	Prof. R. Beriashvili
6.	L. Giorgobiani	SARS-Cov-2 Effects on Behavioral, Psycho-Social and Other Neurophysiologic Parameters in Opioid Dependent Patients Receiving Methadone Maintenance Therapy	Prof. Kh. Todadze
7.	D. Tabukashvili	Dynamics of Cardiac Muscle Remodeling in Patients with Hypertension and Type 2 Diabetes Receiving Uperio and Aliskerin for Prevention and Treatment of Cardiac Failure	Prof. R. Tabukashvili
8.	T. Kasradze	Infection-Related Mortality Risk Reduction with Long-Term Catheter Locking Solutions in Hemodialysis Patients	Prof. I. Chokhnelidze, Assoc. Prof. T. Didbaridze

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| 9.  | K. Lomidze          | Effect of Immune Checkpoint Inhibitors on Thyroid Gland Structure and Function in Malignant Tumor Therapy   | Prof. M. Gordeladze,<br>Assoc. Prof. N.<br>Kikodze        |
| 10. | G. Metskhvarishvili | Determination of Renal Replacement Therapy Outcome Predictors in Elderly Patients with Renal Failure for Treatment Optimization                       | Prof. I.<br>Chokhnelidze, Prof.<br>G. Simonia             |
| 11. | T. Svanadze         | Molecular Characteristics of Cervical Metaplasia, Microenvironmental Changes and Risk of Progression to Neoplasia                                     | Prof. G. Burkadze   |
| 12. | T. Turashvili       | Molecular, Proliferative and Apoptotic Characteristics of Endometrial Metaplasia and Risk for Neoplastic Transformation                               | Assoc. Prof.<br>G. Tevdorashvili                          |
| 13. | S. Tsertsvadze      | Etiology, Antibiotic Resistance Profile and Alternative Management Strategy for Bacterial Respiratory Infections in Hospitalised Pediatric Patients   | Prof. I.<br>Chkhaidze, PhD.<br>N. Janelidze               |
| 14. | A. Tsereteli        | Assessment of Diagnostic Value of EEG Automated Analysis Software – ENCEVIS   | Assoc. Prof. N. Okujava                                   |
| 15. | L. Barbakadze       | Phenotypic Characteristics of Endometrial Stromal Tumor and Risk for Progression  | Prof. N. Kintraia<br>Prof. G.<br>Burkadze<br>(consultant) |
| 16. | P. Zhorzholiani     | Hormonal, Proliferative, Apoptotic and Local Immune Characteristics of Endometrial Microenvironment in Precancerous and Cancerous Endometrial Lesions | Prof. Z. Bokhua   |
| 17. | S. Meskhi           | Vascular Density of the Retina and Choriocapillaries in Myopic Children Measured by Optical Coherence Tomography Angiography                          | Prof. D. Shengelia  |
| 18. | T. Khachidze        | Influence of Intestinal Dysbiosis on Non-Alcoholic Fatty Liver Disease and its Correction   | Prof. G.<br>Sulaberidze, Prof. G.<br>Barbakadze           |
| 19. | N. Kavtaradze       | Histopathological and Phenotypic Characteristics of Various Types of Hip Osteoarthritis   | Prof. Emer. E.<br>Kartvelishvili,<br>Prof. G. Burkadze    |
| 20. | G. Arveladze        | Molecular Characteristics Underlying Progression and Recurrence Risk of Basal and Squamous Cell Carcinomas  | Prof. R.<br>Berishvili, Prof. A.                          |

21.	T. Kveliashvili	Inflammatory Changes of the Gallbladder Mucosa and Characteristics of Hormonal Expression in the Development of Displasia-Carcinoma	Katsitadze Assoc. Prof. G. Didava
22.	E. Khuchua	Marker Role of Correlation between Pro- and Anti-Inflammatory Biomarkers for Early Diagnosis of Sepsis	Prof. L. Ratiani Assoc. Prof. T. Didbaridze
23.	T. Kuchava	Diagnostic Value of Brain Edema in the Treatment of Cerebral Tumors	Prof. G. Ingorokva
24.	A. Maghradze	Clinical Characteristics of SARS-CoV-2 Associated Multisystem Inflammatory Syndrome in Pediatric Population of Georgia	Assoc. Prof. N. Kavlashvili
25.	M. Ebralidze	Management Algorithm for Chronic Kidney Disease Associated Xerosis and Pruritus to Improve Quality of Life in Dialysis Patients	Prof. I. Chokhoniidze Assoc. Prof. M. Matoshvili
26.	G. Gogoberidze	Discrete and Combined Effects of Chronic Immobilization and Isolation Stress on Somatic Correlates, Circadian Fluctuations of Melatonin, Cortisol, Orexin and Hemodynamic Parameters in an Experiment	Prof. N. Gongadze Prof. I. Kvachadze
27.	G. Mgeladze	Microbiological Aspects of Infection Control of Nosocomial Pneumonia for the Optimization of Preventive Measures	Assoc. Prof. Sh. Khetsuriani
28.	M. Sopromadze	Correlation between Gross Motor Functions and Functional Independence in Children with Spastic Cerebral Palsy of Various Severity Following Complex Rehabilitation	Prof. I. Natroshvili
29.	B. Osipiani	Cardiovascular Changes in Alloxan Induced Diabetes and Alloxan Induced Diabetes + Plaferon	T. Machavariani
30.	N. Gvetadze	Study on Predictive Biomarkers in the Treatment of Rheumatoid Arthritis with Tocilizumab	Prof. T. Chikovani, Assoc. Prof. N. Kikodze
31.	G. Kobaidze	Assessment of Cognitive-Mnemonic and Emotional Dysfunction of Post-COVID Syndrome and Some Paraclinical Features	Prof. M. Janelidze
32.	J. Gogitidze	Role of Local Neural Environment in the Progression of Cervical Intraepithelial Neoplasia and its Link to Proliferative, Apoptotic and Stem Cell Characteristics	Prof. G. Burkadze

33.	L. Tsakadze	Etiology, Epidemiology and Clinical Features of Influenza and Other Acute Respiratory Infections in Hospitalized Pediatric Patients in Georgia	Prof. I. Chkhaidze, PhD. Sh. Tsanava
34.	K. Bregvadze	Research on Health-Related Quality of Life of Patients with Rare Genetic Diseases Living in Georgia	Prof. T. Tkemaladze, Asst. Prof. E. Pagava, Prof. Emer. E. Abzianidze (consultant)
35.	V. Shelia	The role of computed tomography in the diagnosis of hepatocellular carcinoma	Prof. O. Urushadze
36.	K. Kartvelishvili	Molecular-genetic aspects of hereditary thrombophilia and their role in the development of pathologies in pregnant women in the Georgian population	Assoc. Prof. N. Pirthkhelani
37.	B. Zenaishvili	Diagnostic and prognostic value of inflammatory markers in childhood urinary tract infection	N. Manjavidze G. Chitaia
38.	G. Sabashvili	Method of surgical treatment of large and giant echinococcal cyst of the liver	[B. Archvadze]
39.	A. Diakonidze	Phenotypic characteristics of recurrence and metastasis of malignant epithelial tumors of the endometrium	Prof. R. Beriashvili Prof. N. Kintraia
40.	K. Shengelaia	Features of androgen receptor expression in ovarian and breast epithelial cancer and their relation with proliferative, apoptotic and stem cell characteristics	Assoc. Prof. I. Kokhraidze Prof. G. Burkadze
41.	Kh. Germisashvili	Local proliferative-apoptotic markers of knee joint, hormone receptors and immune response in rheumatoid arthritis	Prof. Emer. E. Kartvelishvili Prof. G. Burkadze (consultant)
42.	N. Kuridze	Study of the effectiveness of glucocorticoid, silicone, siloxane and heparin on postoperative scars	Assoc. Prof. L. Gabunia Assoc. Prof. S. Giorgadze Assoc. Prof. K. Gambashidze

			(consultant)
43.	M. Khalvashi	Features of SARS COV2 /COVID-19/ infection in pregnant women, its impact on the outcome of pregnancy and the health of newborn	Assoc Prof . P. Matchavariani Assoc Prof. I. Korinteli
44.	E. Nakhutsrishvili	Autoimmune, rheumatic manifestations after COVID-19 on the example of children living in Georgia	Assoc Prof . T. Kutubidze
45.	N. Vardosanidze	Features of clinical course of cystic fibrosis in the population of children in Georgia	Assoc Prof. N. Kavlashvili PhD D. Agladze
46.	N. Egiashvili	Predictive value of galectin-3 and echocardiographic parameters for predicting cardiovascular diseases during the new coronavirus-19	Assoc Prof . N. Kakauridze Prof. L. Ratiani (Consultant)
47.	Kh. Khatiashvili	The course and outcome of COVID 19 in patients with chronic liver diseases	Prof. E. Vashakidze
48.	M. Kvitashvili	Features of COVID 19 and its outcome in patients with diabetes	Prof. E. Vashakidze Prof. E.Giorgadze
49.	M. Mezvishvili	Capacities of multiparametric magnetic resonance imaging in assessing the invasiveness of bladder cancer in muscle and predicting the need of repeated transurethral resection	Prof . D. Kochiashvili PhD M. Kutateladze
50.	D. Kochadze	Unified database of Georgian traditional medicine and evaluating systems	Prof. R. Shengelia Prof. A. Bakuridze (consultant) PhD N. Khelaia (consultant)
51.	N.Kajaia	Effects of beta-blockers with different properties on the immune system in L-NAME- induced arterial hypertension	Assoc. prof. L. Gabunia Prof. T. Sanikidze
52.	I.Pavliashvili	Malaria-induced conformational changes of the transport protein albumin and the efficiency of their correction by different pharmacological agents	Prof. N. Khvitia PhD G. Sukoiani

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| 53. | A.Pantskhava    | Atypical hyperplasia of the endocervix - molecular characteristics of adenocarcinoma, study of markers of progression and metastasis                                     | Prof. N. Kintraia<br>Prof. G. Burkadze<br>(consultant)   |
| 54. | N. Sarauli      | Phenotypic characteristics of peritoneal tumor implants in ovarian epithelial tumors   | Prof. R. Ghvamichava<br>Prof. G. Burkadze<br>(consultant)  |
| 55. | O. Murghulia    | Phenotypic features of chronic endometritis, molecular markers of persistence and progression  | Assoc. prof. G. Tevdorashvili<br>Prof. G. burkadze   |
| 56. | A. Kobakhidze   | Optimization of randomized treatment protocols for childhood acute leukemia using Jurkat cell model systems  | Prof. A. Shengelaia<br>Prof. T. Sanikidze<br>(consultant)  |
| 57. | L. Abashishvili | Assessment of health-related quality of life in patients with skeletal dysplasia   | Prof. T. Tkemaladze<br><br>Emer. Prof. E. Abzianidze<br>(consultant) Assoc. Prof. E. Mirvelashvili |
| 58. | E.Gotsiridze    | Portal vein malignant thrombus imaging guided percutaneous transhepatic recanalization by endoport Radiofrequency Ablation and Stent Implantation                        | Prof. M. Mizandari   |
| 59. | A.Dumbadze      | Evaluation of the progression of intermediate risk lesions (LR-3) to hepatocellular carcinoma in the cirrhotic liver using modern methods of radiology and liquid biopsy | Assoc. Prof. M. Javakhadze<br>PhD M. Kutateladze<br>Assoc. Prof. A. Tavartkiladze(consultant)      |
| 60. | Kh. Mikaberidze | Standardized test for quantitative determination of Sars-Cov2 virus in nasopharyngeal swab   | Prof. N.Gogokhia<br><br>PhD G. Kharebava<br><br>Prof. L. Ratiani                                   |

61.	G. Kamushadze	Primary posterior continuous curvilinear capsulorhexis (PCCC) to prevent secondary cataract	Prof. T. Sanikidze Emer. Prof. D. Shengelia
62.	L. Akhalkatsi	Effectiveness of mechanotherapy and functional electrical stimulation in the complex post-operative rehabilitation of distal forearm fractures	Assoc. Prof. M.Matiashvili
63.	D. Bakhturidze	Surgical rehabilitation of patients with bilateral laryngeal paralysis	Prof. Emer.K. Mardaleishvili
64.	I.Sikharulidze	Comperative analysis of secondary preventive effect of mono and dual antiaggregateregimen in patients with nonobstructive coronary disease and antiaggregate naïve patients with acute coronary syndrome without ST segment elevation	Prof.K. Chelidze
65.	D.Grigolia	Expert examination of electrical injury	Prof R.Beriashvili
66.	N. Kantroshvili	Study of diatom species in Georgian aquaria for drowning examination	Prof. R. Beriashvili
67.	B. Dangadze	Phenotypic peculiarities and progression characteristics of gastric cancer and precancerous processes	Assoc. Prof. M.Matiashvili Assoc. Prof. G. Didava
68.	N.Sakhanberidze	Preventive and corrective effect of vitamin D on antioxidant systems and blood rheological state during streptozotocin-induced experimental diabetes	Assoc. Prof M. Namoradze; Assoc. Prof N.Charkviani  Asst.Prof M. Mantskava (Consultant)
69.	N. Otkhozoria	Immune Response-Associated Adverse Effects of Immunotherapy Treatment for Metastatic Lung Tumors: Epidemiology and Management	Prof. T.Chikovani
70.	E. Arziani	Evaluation of rheological parameters in patients with chronic heart failure	Prof. T. Kandashvili Asst.Prof. M. Mantskava  Asst.Prof. M. Gotsadze (Consultant)
71.	I. Tortladze	Algorithm for selecting the optimal hardware mode for quality radiological	Assoc.Prof. G. Nemsadze

72.	Kh. Sulaberidze	research during chest computed tomography A digital phenotype of social relationships in mental disorders	Assoc.Prof. E. Chkonia
73.	K.Liluashvili	Direct and Cumulative Effect of Night Shift Work on Cognitive Functions and Chronobiological Rhythms in the Young Population	Prof. M. Janelidze Asst.Prof. R. Mkheidze
74.	M. Zalinian	Determining the effectiveness of selective and direct selective laser trabeculoplasty in the non-drug management of glaucoma	Prof. Emer M. Dvali PhD I. Solberg (Ben-Gurion University, Israel)
75.	N. Kvesitadze	Features of cardiac embryogenesis in first trimesters of pregnancy considering variety of factors	Prof. R. Khetsuriani Asst.Prof. R. Mkheidze M. Pailodze
76.	S.Amisulashvili	Features of cardiac embryogenesis from 18 to 22 weeks of pregnancy considering variety of factors	Prof. R. Khetsuriani Asst.Prof. R. Mkheidze M. Pailodze
77.	T. Sogulashvili	Study of systemic inflammatory response and lipid profile during combined use of colchicine and rosuvastatin/ezetimibe in experimental atherosclerosis	Assoc.Pro. N. Gamkrelidze
78.	Kh. Nodia	Heterogeneity of melanocytic hyperplasias, melanocytic moles (nevi), markers of recurrence and progression	Assoc.Prof T. Saladze Prof. G. Burkadze (consultant)
79.	K.Mekvabidze	Cytokines and growth factors as biomarkers for colorectal cancer progression and metastasis	Assoc.Prof I. Pantsulaia Assoc.Prof A. Aladashvili
80.	Ts. Samadashvili	Prognostic value of systemic inflammatory markers in patients with acute respiratory distress syndrom	Assoc.Prof. N. Janikashvili Prof. L. Ratiani

			Prof. B. Bonotti (University of Burgundy (France)) (Consultant)
81.	G. Vardosanidze	Prognostic markers of sepsis and mathematical modeling of systemic inflammation in oncohematological patients	Assoc.Prof. N. Janikashvili Asst.Prof. V. Odisharia (TSU) Assoc.Prof. T. Gegeshidze (consultant)
82.	I.Khvedelidze	Genetic characterization and treatment management of antimicrobial resistant bacteria in intensive care patients	Prof. T. Didbaridze Asst.Prof. E. Patchkoria
83.	N. Adamashvili	The Role of Viral Factors in the Pathogenesis of Lichen Planus and the Development of a Therapeutic Algorithm"	Prof. L. Ratiani (consultant) Prof. A.Katsitadze
84.	R. Avalishvili	The role of corticosteroid therapy in the treatment of acute pancreatitis and the prevention of disease complications	Prof. G.Asatiani
85.	T. Lomtadze	Prevalence and characteristics of celiac disease in Georgian pediatric population	Assoc.Prof. K.Gogberashvili Prof. Emer. M. Lentse (consultant)
86.	M. Tighashvili	Post-stroke cognitive impairment, prevalence, risk factors, and diagnostic aspects	Prof. M.Janelidze

87.	T. Natshvlishvili	The role of inflammatory markers in autism spectrum disorders	Prof. S. Bakhtadze
88.	E. Berdzenishvili	Neurocognitive and psychophysiological patterns of recurrent depression	Assoc. Prof. E. Chkonia
89.	T. Gersamia	The role of selective glycoproteins in determining toxicity and resistance to pharmacotherapeutic agents in visceral leishmaniasis	Prof. N. Khvitia G.Sukoiani ბიოლოგიის მეცნ. დოქტორი
90.	T. Gotsiridze	Antiatherogenic effect of liposomal buccal films of berberine hydrochloride alone and in combination with rosuvastatin in an experimental model of hyperlipidemia	Prof. M. okujava Prof. A. Bakuridze (Consultant)
91.	S. Lekveishvili	Dynamics of Coronary Artery Damage and Hemorheological Changes in Arterial Hypertension and Ischemic Heart Disease	Assoc. Prof. V. Kapetivadze Asst.Prof. M. Mantskava
92.	L.Dumbadze	The impact of charge and hydrophobicity on phage immunogenicity and persistence in the organism	Assoc. Prof. K. Ghambashidze PhD B. Lasareishvili Prof. M.Tediashvili (Consultant)
93.	E. Varazi	The Study of the effect of hyaluronic acid on aging-related morpho-functional characteristics under severe experimental oxidative stress	Prof. L. Gabunia Assoc. Prof. M. Matoshvili Assoc. Prof. N. Pruidze (consultant)
94.	M. Babalashvili	The role of infrared radiation sensitivity and specificity as diagnostic markers in prostate cancer	Assoc. Prof. A. Khuskivadze Prof. B. Parstvania (consultant)
95.	N. Imerlishvili	Melatonin receptor expression patterns in ovarian epithelial tumors	Prof. Z. Bokhua

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|      |                   |  | Prof. G. burkadze<br>(consultant)  |
| 96.  | L. nebieridze     | The Role of Inflammatory Biomarkers in Preventing Deep Sternal Wound Infections After Sternotomy   | Prof. Z. Demetrashvili<br>PhD Z. Katsitadze                                  |
|      |                   |  | Assoc. Prof. N. Janikashvili<br>(consultant)                                 |
| 97.  | D. Nikolaishvili  | Etiology, antimicrobial resistance, and clinical features of infectious diarrhea in hospitalized children in Georgia   | Prof. M. Khochava<br>Ph.D L. Malania   |
| 98.  | N.Kharaishvili    | Outcome of recanalization therapy and rheological profile correlates in acute ischemic stroke  | Prof. Sh. Ingorokva<br>Asst.Prof. M. Mantskava<br>(consultant)               |
| 99.  | N. Tsiskarishvili | The role of T cells and cytokines in the pathogenesis of rheumatoid arthritis  | Prof. Emer. E. Kartvelishvili<br>Assoc. Prof. N. Kikodze                     |
| 100. | A. Tsuladze       | Rehabilitation of hearing loss using hearing implants  | Prof. R. Beriashvili   |
| 101. | L. Bibileishvili  | Clinical-epidemiological features of cervical intraepithelial neoplasia and prognostic risk stratification (Adjara region)   | Assoc. Prof. M. Shavdia  |
| 102. | Z. Kvaratskhelia  | Study of immune- and redox-dependent mechanisms underlying limbic system neurogenesis, learning, and memory during ionizing radiation exposure, and correction of the resulting impairments using herniarin. | Prof. T. Sanikidze<br>Assoc. Prof. D. Topuria<br>Asst.Prof. S. Kalmakhelidze |

			<i>(Consultant)</i>
103.	L. Chinchaladze	Melatonin receptor expression patterns in different types of colorectal polyps	Assoc. Prof. T. Saladze Prof. G. Burkadze <i>(consultant)</i>
104.	T. Katashvili	Melatonin receptor distribution patterns in different histological types of breast cancer and precancerous lesions	Assoc. Prof. I. Kokhreidze Prof. G. Burkadze <i>(consultant)</i>
105.	E. Mgaloblishvili	Cellular and molecular profile of the synovium, Vascular Changes in Rheumatoid Arthritis: Potential Markers for Disease Progression and Personalized Treatment	Prof. Emer. E. Kartvelishvili Prof. G. Burkadze <i>(consultant)</i>
106.	I. Nakhutsrishvili	Phenotypic Characteristics of Sinonasal Polyps and Inverted Papillomas: Determinants of Recurrence and Disease Progression	Prof. N. Nakudashvili Prof. G. Burkadze <i>(consultant)</i>
107.	A. Benidze	Clinicopathological Heterogeneity, Phenotypic Features, and Determinants of Progression Risk in Conjunctival Melanocytic Lesions	Assoc. Prof. T. Kilasonia Prof. G. Burkadze <i>(consultant)</i>
108.	I. Eliava	Heterogeneity of Colorectal Dysplastic Polyps and Adenocarcinomas: Relationship between Tumor Infiltrating Lymphocytes and Tumor Microclusters, Features of Progression and Prognosis	Prof. R. Ghvamichava Prof. G. Burkadze <i>(consultant)</i>

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| 109. | M. Ghambarashvili | The Determination of age of lesions in soft tissues   | Prof. R. Beriashvili   |
| 110. | T. Esakia         | Comparative Efficacy of Everolimus Plus Exemestane Versus Capecitabine as Second-Line Therapy After Progression on CDK4/6 Inhibitors in Hormone Receptor-Positive, HER2-Negative Metastatic Breast Cancer | Prof. R. Ghvamichava   |
| 111. | N. Zabakhidze     | Determining the role of clinical-laboratory indicators and genetic instability in predicting the effectiveness of radiotherapy and the risk of complications in oncological patients                      | Assoc. Prof. A. Zedginidze<br>Doctor of Biological Sciences<br>G. Ormotshadze  |
| 112. | S. Surmava        | Identification of breast cancer predisposition loci and polygenic risk score in Georgian population: Prospects for clinical application   | Assoc. Prof. A. Zedginidze<br>K. Kankava<br>Prof. T. Tkemaladze<br><i>(consultant)</i>                                     |
| 113. | E. Melikidze      | Identifying genetic causes of rare neurological diseases in ethnic minority pediatric patients in Kvemo Kartli region of Georgia  | Prof. I. Natroshvili<br>Prof. T. Tkemaladze<br><br>PhD. R. Marupiani<br>(University College London)<br><i>(consultant)</i> |
| 114. | A. Tchokhanelidze | The Importance of Endocrine and Nutrition Monitoring in Post Bariatric Patients for The Prevention of Neuropathy  | Assoc. Prof. N. Charkviani<br>PhD. M. Sekhniashvili  |
| 115. | N. Shervashidze   | The effect of Plant-based Fiber on Patients with Metabolic Syndrome   | Prof. G. Sulaberidze<br>Prof. T. Kandashvili<br>Asst. Prof. K. Grigorian   |

116.	Kh. Khavtasi	The Diagnostic and Prognostic Value of Iron Metabolism in Patients with Heart Failure	(consultant) Prof. T. Kandashvili Asst. Prof. M. Gadabadze Asst. Prof. M. Noniashvili (consultant)
117.	A. Arushanovi	The effectiveness of the complex use of kinesiotherapy, physiotherapy and prolonged anesthesia in the treatment of postoperative spinal syndrome	Prof. G. Ingorokva Prof. D. Tatishvili
118.	M. Kartsivadze	Biocomposition against staphylococcal skin infections: design, formulation and biological evaluation	Assoc. Prof. Sh. Khetsuriani Doctor of life sciences I. Kusradze Prof. A. Bakuridze (consultant)

## *Dentistry*

<i>Nº</i>	<i>PhD student</i>	<i>PhD Thesis</i>	<i>Supervisor</i>
1.	E. Zarkua	Importance of Micromorphological Characteristics in the Management of Human Dental Cervical Lesions	Prof. M. Mamaladze
2.	N. Natsvlishvili	Comparative Analysis of the Effects of Fixed and Removable Orthodontic Appliances on Dental Root Resorption	Prof. N. Tsilosani, Assoc. Prof E. Mirvelashvili Assoc. Prof T. Zerekidze (Consultant)

3.	N. Svanishvili	Study on Alterations in Microelement Composition of Enamel and Dentin of Intact and Carious Teeth and Teeth with Arrested Caries	Prof. M. Mamaladze
4.	E. Bakhtadze	Determination of the Basic Aspects of the Need and Administration of Sedation and General Anesthesia for Outpatient Dental Treatment in Georgia	Prof. M. Mamaladze
5.	T. Jikia	Management of Reversible Pulpitis with Stem Cell Hydrogel	Assoc. Prof. N. Chipashvili, Prof. Z. Kakabadze (consultant)
6.	K. Injgia	Clinical evaluation of nanofibrous, adhesive plates of triamcinolone in the complex treatment of oral mucosa lesions in dermatoses	Assoc. prof. N. Abashidze Prof. A. Bakuridze (consultant)
7.	L. Mghebrishvili	Oral Prosthodontic Condition of Patients with Schizophrenia and Risk Factors Provoking Edentulism	Prof. S. Mghebrishvili Prof. T. Silagadze
8.	N. Zautashvili	Construction of artificial teeth on a prosthesis during orthopedic treatment considering population anthropometric characteristics during complete edentulism	Assoc. Prof. N. Shonia

## *Public Health*

<i>Nº</i>	<i>PhD student</i>	<i>PhD Thesis</i>	<i>Supervisor</i>
1.	T. Saganelidze	Radiation Load of Tbilisi Population, Oncological Morbidity, Prognosis of Long-Term Effects and Their Prevention	Prof. N. Vepkhvadze Asst. Prof. T. Kochoradze- Marghishvili
2.	T. Kashbadze	Significance of Qualitative Parameters of Atmospheric Air for the Development of Air Quality Improvement Policy	Assoc. Prof. N. Kiladze E. Bakradze

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| 3.  | M. Izoria           | Assessment of Safe Water, Hygiene and Sanitation Programme in Adjara Schools and its Impact on Pediatric Diarrheal Diseases               | Prof. L. Baramidze, PhD. L. Metreveli   |
| 4.  | N. Kakutia          | Assessment of the Role of Fast Food Consumption in the Epidemiological Concept of Obesity   | Assoc. Prof. N. Mebonia   |
| 5.  | V. Abuladze         | Structure of maternal and child morbidity in perinatal period and behavioral risk factors in pregnancy                                    | Assoc. Prof. E. Mirvelashvili<br>B. Tkeshelashvili  |
| 6.  | M. Kochlamazashvili | Assessment of the universal safety rules for working with blood and other biological fluids in medical institutions of Georgia            | Prof. L. Baramidze  |
| 7.  | M. Diakonidze       | Environmental pollution with manganese compounds and its impact on the health of Georgian population in Chiatura municipality             | Assoc. Prof.<br>M. Tsimakuridze<br>Assoc. Prof. D. Topuria<br>Prof. A. Bakuridze<br>(consultant)          |
| 8.  | V. Kvernadze        | Influence of regional consumption characteristics of nutrition on urolithiasis diseases in Georgia  | Assoc. Prof. B. Kurashvili<br>D.M.Sc G. Managadze<br>Assoc. Prof.<br>M. Tsimakuridze<br>(consultant)      |
| 9.  | A. Botchorishvili   | The Study-assessment of the impact of global climate change on the health of young population and social modeling of nutritional behavior | Prof. D. Zarnadze<br>Prof. A. Sirotkin<br><br>(Constantine the Philosopher University of Nitra, Slovakia) |
| 10. | G. Shubitidze       | Study-assessment of physical education strategy in higher educational institutions and modeling of adapted programs                       | Prof. D. Zarnadze<br>Prof. L. Maskhulia   |

			(Consultant)
11.	L. Kuparadze	Study - assessment of oral health strategy in the healthcare system, health risk management and development of a new strategy model	Prof. D. Zarnadze Prof. M. Mamaladze (consultant)
12.	A. Papukashvili	Basics of pharmacy regulation in Georgia	Prof. B. Zurashvili Prof. A. Bakuridze Asst. Prof N. Dughashvili (consultant)
13.	I. Kakhniashvili	The influence of stress caused by post-stroke rehabilitation treatment on the effectiveness of the patient's rehabilitation and the health status of his family members	Prof. N. Vepkhvadze Assoc. Prof. Z. Sopromadze
14.	K. Bibilashvili	Effectiveness of an adapted model of secondary prevention of cardiovascular diseases and a rehabilitation program in patients with ischemic heart disease	Prof. L. Maskhulia Prof. A. Undilashvili Assoc. Prof. T. Kochoradze – Margishvili (Consultant)
15.	N. Melkadze	Key challenges of sustainable development of the healthcare system and modeling of modern policies in Georgia	Assoc. Prof. I. Zarnadze
16.	A. Dekanosidze	Effect of Atmospheric Air Pollution on Anxiety Disorder	Prof. L. Baramidze PhD L. Sturua

## Pharmacy

<i>Nº</i>	<i>PhD student</i>	<i>PhD Thesis</i>	<i>Supervisor</i>
1.	N. Sukhishvili	Phytochemical Study and Biological Assessment of Secondary Metabolites of Several Species of Family Primula Growing in Georgia	Assoc.Prof. L. Mskhiladze, K. Mulikjanian
2.	M. Tatanashvili	Polyphenols from Vine Growing in Georgia as Potential Source of Enzyme Aromatase Inhibitor	Assoc Prof. M. Jokhadze, Asst. Prof. K. Sivsivadze, Prof. T. Murtazashvili (consultant)
3.	N. Bregvadze	Formulation, Technology, Standardization and Biological Assessment of Volatile Anti-inflammatory Transdermal Delivery Systems	Prof. A. Bakuridze
4.	M. Kveselava	Formulation, Technology, Standardization and Biopharmaceutical Assessment of Dualler G Targeted Delivery Lipospheres	Assoc Prof. T. Chumburidze, Assoc Prof. L. Bakuridze
5.	N. Chubinidze	Research of healing remedies developed on the basis of natural components	Prof. D. Berashvili
6.	L. Dateshidze	Trends in consumption of biologically active supplements in Georgia	Prof. D. Berashvili Prof. N. Todua (TSU) Assoc. Prof. D. Gelovani (consultant)
7.	N. Baratashvili	Basic pharmaco-economic aspects of cerebral ischemic stroke	Prof. N. Gorgaslidze
8.	M. Murtazashvili	Optimization of the methods of chemical toxicological analysis of synthetic cannabinoids in biological fluids	Assoc. Prof. T. Chikviladze Assoc. Prof. M. Jokhadze
9.	K. Natobidze	Design, technology and biological evaluation of antifungal nanopencils	Assoc. Prof. G. Mikaia Prof. A. Bakuridze

10. N. Urushadze In situ nanoengineering of biogenic metals from some natural medicinal mineral resources: design, technology, biopharmaceutical and biological evaluation Prof. A. Bakuridze  
Assoc. Prof. N. Kurdiani  
Asst. Prof. L. Gubeladze  
(consultant)
11. N. Asanidze Toxicological analysis of some psychoactive agents and their metabolites by enantioselective liquid chromatography-tandem mass spectrometry (HPLC-MS/MS) method Assoc. Prof. M. Jokhadze  
Asst. Prof. K. Sivsivadze  
Prof. P. Tushurashvili  
(consultant)