## Defended PhD Theses

## 2024

## Faculty of Medicine -2024

**Nino Toria** – The Effect of Radiofrequency Ablation on the Immune Response of Inoperable Pancreatic Cancer Patients

Supervisors: Professor T. Chikovani, Professor M. Mizandari

**Mariam Kekenadze** – The Role of Several Genetic Mutations in the Development of Amyotrophic Lateral Sclerosis in Georgian Population and Modification Perspectives

Supervisors: Professor M. Beridze, Associate Professor E. Kvaratskhelia

Consultant: Professor H. Holden (University College London)

**Nikoloz Buadze** – Optimized Treatment of Minimally Invasive and Endoscopy Methods for Surgical Diseases Ongoing with Gastrointestinal Tract Bleeding in Children

Supervisors: Professor M. Buadze, Professor G. Burkadze

**Nino Kraveishvili** – Epigenetic Changes Associated with the C677T Polymorphism of the MTHFR Gene and its Relationship with the Risk of Migraine Development in the Georgian Population

Supervisors: Professor Emeritus E. Abzianidze, Associate Professor E. Kvaratskhelia

**Mariam Ghughunishvili** – Methylation Profile of Immune Cells in Cystic Fibrosis: Potential Target for Treatment

Supervisors: Associate Professor E. Kvaratskhelia, Professor Michael Lentze

Consultant: Associate Professor I. Pantsulaia

**Teimuraz Ukleba** – Development and Implementation of a Program for Ethical Education and Upbringing of Young Athletes in order to Combat Doping

Supervisors: Professor R. Shengelia, PhD P. Kasradze

**Zurab Dabrundashvili** – Prevention and Treatment of pre-and Para Tracheal Metastases in Patients with Larynx cancer

Supervisor: Professor Emeritus K. Mardaleishvili

**Magda Rurua** – Pathogenic Correlation of Sepsis Markers in Multiorgan Dysfunction Induced by Septic Shock in Patients with COVID-19 and other Somatic Disorders with the Medical History of Treatment with ACE 2 Inhibitors or without it

Supervisors: Professor L. Ratiani, Associate Professor K. Machavariani

**Davit Goloshvili** – Influence of Sacubitrin/Valsartan on Changes in Hemodynamic Parameters and Remodelling of the Cardiovascular System During DOCA-Salt Experimental Hypertension

Supervisor: Associate Professor M. Okujava

**Natia Chkhaidze** – Etiology, Risk Factors and Antibiotic Resistance of Nosocomial and Ventilator-Associated Pneumonia in a Multiprofile Pediatric Hospital

Supervisors: Professor Maia Kherkheulidze, Professor P.Imnadze (TSU)

**Sopiko Jashiashvili** – The Role of Genetic Instability in the Development of Early and Later Complications during the Treatment of Childhood Acute Leukaemia

Supervisor: Professor A. Shengelaia

Consultant: Professor A. Zedginidze

**Tamar Lazashvili** – Clinical and Prognostic Value of Resistin in ongoing Dementias with the Eating Disorders

Supervisor: Professor V. Kapetivadze

Consultant: Professor T. Silagadze

**Bidzina Kulumbegovi** – Personalized Management of Chronic Spontaneous Urticaria Using Inflammatory Biomarkers and Anti IgE Monoclonal Antibodies

Supervisors: Professor M. Gotua, Professor T. Chikovani

Consultant: Professor Eli Magen (Ben-Gurion University - Israel)

Erekle gratiashvili – Lazer Obliteration of Pilonidal Sinus

Supervisors: Associate Professor L. Akhmeteli, Asist-prof. T. Ivanishvili

**George Apkhazava** – Importance of Roentgenological Methods in Differentiating Viral and Bacterial Etiology of Community-Acquired Pediatric Pneumonia, Determining Treatment Tactics and Prognosis

Supervisors: Professor I. Chkhaidze, Associate Professor G. Nemsadze

**Davit Subeliani** – Randomized Analysis of the Results of the Operative Treatment of Fractures of the Proximal end of the Humerus

Supervisors: Professor L. Chikvatia, Doctor of Medical Science T. Nozadze

**Teona Mskhaladze** – The Role of Valvular Bronchoblocation in the Complex Management of Pulmonary Tuberculosis

Supervisors: Professor K.Vacharadze

**Teona Paresishvili** – Development of Platinum Nanogel and its Application in the Treatment of Ehrlich's Tumor in Animals.

Supervisors: Professor Z. Kakabadze, Professor L. Kikalishvili

Consultant: Professor A. Bakuridze

**Qetevan Ediberidze** – Creating a Biologically Active Wound Dressing From Human Amnion and Bone Marrow Stem Cells and its use for the Treatment of Non-Healing Wounds that Developed after the Radiation Therapy

Supervisors: Professor Emeritus K. Mardaleishvili, Assistant-Professor D.Chakhunashvili

**Shota Kepuladze** – Features of Epithelial-Mesenchymal Transformation in Invasive Ductal Carcinoma of Breast within Primary Tumour Sites and Metastatic Lymph Nodes

Supervisors: Professor G. Burkadze, Associate Professor I.Kokhreidze

**Natia Katamadze** – The Role of Microflora Modification on Glycemia Correction in Type 2 Diabetic Patients

Supervisors: Professor T. Kandashvili, TSMU Emeritus D.Metreveli

Faculty of Stomatology - 2024

**Emir Baiandurov** - Prognostic Importance of Osteogenesis Markers Dynamics for Assessing Osteointegration of Dental Implants

Supervisor: Professor Z. Orjonikidze

Consultant: Professor T. Sanikidze

## Faculty of Pharmacy - 2024

**Natia Bokuchava –** The Influence of Polyphenols from Shoots of Georgian Saperavi Grape –Wine on the Pharmacokinetics and Lipid Lowering Effect of Statins

Supervisors: Professor T. Murtazashvili, Professor N. Gongadze

Consultant: Professor. Academician N. Mitagvaria

**Niko Papiashvili** – Design, Technology and Study of Antihypertensive Potential of Orodispersible Tablets Containing Plant Phenolic Compounds

Supervisors: Professor A. Bakuridze, Professor N. Gongadze

Giorgi Moshiashvili – Pharmacognostic Study of Several Species of Daphne L. Native to Georgia

Supervisors: Doctor of Pharmaceutical Sciences H. Dekanosidze, PhD of Pharmacy V. Mshvildadze

Ekaterine Mosidze - Design, Technology and Biological Evaluation of Silver Bionanopreparations

Supervisors: Professor A. Bakuridze, Professor Demet akin (Bahcesehir University School of Medicine).

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