

Diploma theses

1st Department of Internal Medicine

List of theses for academic year AY 2025/2026

Dissertations - PhD theses					
Topic	Type	Language	Supervisor	Student	St. prog.
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Diploma theses					
Topic	Type	Language	Supervisor	Student	St. prog.
Fecal Microbial Transplantation	DR	EN	MUDr. Jana Deptová, PhD.	Marco Daniel Törnvall	GM
Thyroid Disorders and Cardiovascular Disease	DR	EN	MUDr. Jana Deptová, PhD.	Khtam Kalash	GM
The role of Non-Pharmacological Strategies in modulating the Gut Microbiome and Improving Type 2 Diabetes Outcomes	DR	EN	MUDr. Jana Deptová, PhD.	Mateusz Piotr Nowak	GM
Short Bowel Syndrome: Treatment with GLP-2 and Parenteral Nutrition	DR	EN	MUDr. Jana Deptová, PhD.	Tatiana Czyż	GM
The Role of the Gut Microbiome in Autoimmune Diseases	DR	EN	MUDr. Jana Deptová, PhD.	Boulos Maroun	GM
The influence of hormonal changes and endocrine disruptors on thyroid cancer incidence	DR	EN	MUDr. Martin Kaško, PhD.	Maria Cristina Mastroeni	GM
Diabetic continuum in the female population: prevalence, risk factors, and clinical significance	DR	EN	MUDr. Martin Kaško, PhD.	Aleen Mabareeki	GM
Chronic complications of diabetes mellitus	DR	EN	MUDr. Marek Felšoci, PhD.	Najehulah Eismat	GM
Thyroid hormones and arterial stiffness	DR	EN	Mgr.MUDr.Ivana Jochmanová,PhD.	Kareem Kadan	GM

Diploma theses

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Impact of SGLT2 Inhibitors on Cardiorenal Outcomes in Patients with Heart Failure and Chronic Kidney Disease	DR	EN	MUDr. Martin Ihnatko, PhD.	Mohammad Sarwar Sarwar	GM
Metabolically Associated Fatty Liver Disease and insulin resistance	DR	EN	MUDr. Emil Fraenkel, PhD.	Asraa Heib	GM
Pancreatic beta-cells and insulin resistance	DR	EN	MUDr. Emil Fraenkel, PhD.	Lana Masharka	GM
Outcomes of radioiodine therapy and TSH suppression in patients after surgery for papillary thyroid cancer.	DR	EN	Mgr.MUDr.Ivana Jochmanová, PhD.	Tareq Kasim	GM
Correlation between HbA1c and lipid profile in type 2 diabetes mellitus	DR	EN	Mgr.MUDr.Ivana Jochmanová, PhD	Wadi Jarous	GM
Association of Attention Deficit Hyperactivity Disorder with Pheochromcytoma and Paraganglioma	DR	EN	Mgr.MUDr.Ivana Jochmanová, PhD	Arashk Zarsazgar	GM
Association between Hashimoto's thyroiditis and dyslipidemia	DR	EN	Mgr.MUDr.Ivana Jochmanová, PhD	Sama Srouf	GM
Current approach to diabetic ketoacidosis in T1DM and T2DM	DR	EN	MUDr. Emil Fraenkel, PhD.	Aviyam Nahum	GM
Complications in diabetes mellitus and hypertension - focused on retinopathy and diabetic neuropathy	DR	EN	MUDr. Emil Fraenkel, PhD.	Khaled Darausheh	GM
Secondary arterial hypertension	DR	EN	MUDr. Martin Ihnatko, PhD.	Omer Hazan	GM
Primary aldosteronism and autonomic tone	DR	EN	Mgr.MUDr.Ivana Jochmanová, PhD	Jonil Bshara	GM
Insulin Resistance and Polycystic Ovary Syndrome	DR	EN	MUDr. Emil Fraenkel, PhD.	Daniela Isabel Alonso-Redondo Ezcurra	GM