

Diploma theses

1st Department of Internal Medicine

List of theses for academic year AY **2024/2025**

Dissertations - PhD theses					
Topic	Type	Language	Supervisor	Student	St. prog.
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Diploma theses					
Topic	Type	Language	Supervisor	Student	St. prog.
Exploring Conservative Versus Surgical Strategies in Atrial Fibrillation Management: A Comprehensive review and Meta-Analysis	DR	EN	Doc. MUDr. Viola Vargová, PhD.	Nicola Leonard Quintas	GM
Rheumatoid arthritis- new treatment options	DR	EN	Prof. MUDr. Želmíra Macejová, PhD., MPH	Vasileios Koumpis	GM
Maternal diabetes mellitus and its effects on the embryo and fetus	DR	EN	MUDr. Emil Fraenkel, PhD.	Thuong Mai Hoang Minh	GM
The Role of Environment in Diabetes	DR	EN	MUDr. Emil Fraenkel, PhD.	Fatimah Akhter Mehmood	GM
Pharmacotherapy and bariatric surgery for the management of obesity in patients with type 2 diabetes mellitus	DR	EN	doc. MUDr. Ingrid Dravecká, PhD.	Mohamud Mohamed	GM
The role of gut microbiota in the development of autoimmune diseases	DR	EN	MUDr. Jana Deptová, PhD,	Eva Hawa Malki	GM
Diseases of the thyroid gland in the Swedish population	DR	EN	MUDr. Jana Deptová, PhD,	Hossam Alhumhada	GM
Metabolic abnormalities in polycystic ovary syndrome	DR	EN	MUDr. Mgr. Ivana Jochmanová, PhD.	Mariana Shahuq	GM
The role of vitamin D in bone metabolism	DR	EN	MUDr. Mgr. Ivana Jochmanová, PhD.	Dima Abu Salah	GM
Insulin resistance and non-alcoholic fatty liver disease	DR	EN	MUDr. Mgr. Ivana Jochmanová, PhD.	Asil Naamneh	GM

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The use of glucagon-like peptide 1 agonists in the treatment of obesity	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Abdulhalim Al Sudany	GM
The role of gut microbiota in the pathogenesis of liver diseases	DR	EN	MUDr. Jana Deptová,PhD,	Masa Fahoum	GM
Effect of amiodarone on thyroid gland	DR	EN	MUDr. Jana Figurová,PhD.	Jana Qadri	GM
Ectopic Cushing syndrome and differential diagnosis of Cushing syndrome	DR	EN	MUDr. Jana Figurová,PhD.	Adan Nassar	GM
Cardiovascular risk in patients with hyperthyroidism	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Shada Khaleafi	GM
Novel therapies for type 2 diabetes mellitus	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Moeka Kuroda	GM
The role of thyroid hormones in the regulation of cholesterol metabolism and cardiovascular health	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Ilana Koval	GM
Inflammatory bowel disease	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Emanuel Bargabriel	GM
Microvascular complications of diabetes mellitus	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Odai Haj Yahya	GM
Metabolic abnormalities in polycystic ovary syndrome	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Mariana Shahuq	GM
The role of vitamin D in bone metabolism	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Dima Abu Salah	GM
Insulin resistance and non-alcoholic fatty liver disease	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Asil Naamneh	GM
The use of glucagon-like peptide 1 agonists in the treatment of obesity	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Hamza Abdulhalim Al Sudany	GM
Endocrine disruptors and reproductive health	DR	EN	MUDr. Mgr. Ivana Jochmanová,PhD.	Siline Darawsha	GM
The gut microbiome and autoimmune rheumatic disease	DR	EN	MUDr. Mundher Aljubouri, PhD.	Maria Laura Jurado Calderon	GM
Rheumatoid Arthritis and Its Impact on Cardiovascular Health	DR	EN	Prof.MUDr.Želmíra Macejová,PhD., MPH	Bc. Mohamed Mahmoud Mohamed Shaat	GM
Metabolic conditions associated with infertility in men	DR	EN	MUDr. Emil Fraenkel,PhD.	Mattias Akouri	GM

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Nephrologic complications of TDM2 focused on cardiorenal metabolism and its therapeutic options	DR	EN	MUDr. Emil Fraenkel,PhD.	Wasem Omar	GM
Metabolic conditions associated with infertility in men	DR	EN	MUDr. Emil Fraenkel,PhD.	Muhammad Mussa	GM
Evaluating the effects of diabetes mellitus on cardiovascular health and its influence on the quality of life	DR	EN	MUDr. Emil Fraenkel,PhD.	Intisar Mahmood Ibrahim	GM
The Role of Environment in Diabetes	DR	EN	MUDr. Emil Fraenkel,PhD.	Fatimah Akhter Mehmood	GM
The role of gut microbiota in the development of autoimmune diseases	DR	EN	MUDr. Jana Deptová, PhD.	Eva Hawa Malki	GM
Diseases of the thyroid gland in the Swedish population	DR	EN	MUDr. Jana Deptová, PhD.	Hossam Alhumhada	GM
Advancement of technology for diabetes management	DR	EN	MUDr. Jana Deptová, PhD.	Alessandro Cosi	GM
The impact of Vitamin D levels on endocrine health	DR	EN	MUDr. Emil Fraenkel,PhD.	Tooba Akhter Mehmood	GM