List of occupied topics for ŠVOČ in academic year 2026/2027

Number	Department	Supervisor (s)	Topic of Work	Student (s)
1.	1st Department of Internal Medicine Louis Pasteur University Hospital in Košice	prof. MUDr. Želmíra Macejová, PhD., MPH	Neurokognitívne a neuropsychiatrické zmeny u pacientov so systémovým lupus erythematosus	Daniella Jenčová, 6. r., VL
2.	[1]Department of Dermatovenerology Louis Pasteur University Hospital in Košice [2]Laboratory of Research Bio-models of the Faculty of Medicine	[1]doc. MUDr. Janette Baloghová, PhD. [1]MUDr. Barbara Ivanková, MBA	Efekt lokálnej liečby ložiskovej alopécie JAK inhibítorom	Alžbeta Vaľková, 4r., VL Matúš Vaľko, 4r., VL Františka Vaľková, 4r., VL
3.	[1]Department of Dermatovenerology Louis Pasteur University Hospital in Košice [2]Laboratory of Research Bio-models of the Faculty of Medicine	[1]doc. MUDr. Janette Baloghová, PhD. [1]MUDr. Zuzana Fedáková	Miera vstrebávania propranolu kožou v experimente na animálnom modeli	Júlia Kocúrková, 4r., VL
4.	[1]Department of Dermatovenerology Louis Pasteur University Hospital in Košice [2]Laboratory of Research Bio-models of the Faculty of Medicine	[1]doc. MUDr. Janette Baloghová, PhD. [1]MUDr. Vladimíra Nagyová	Interakcia galenických foriem topických prípravkov s kožnou bariérou v modeli atopickej dermatitídy	Juliána Fabová, 4r., VL Beáta Kristofčáková, 4r., VL
5.	1st Department of Internal Medicine Louis Pasteur University Hospital in Košice	MUDr. Barbora Pavlovič Bačkorová, PhD.	Polyendokrinný metabolický ovariálny syndróm v kontexte metabolického zdravia: vzťah renín-aldosterónového systému k metabolickému a androgénnemu fenotypu	Andrea Rosa, 4. r., VL

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Number	Department	Supervisor (s)	Topic of Work	Student (s)
6.	Department of Vascular Surgery East Slovak Institute of Cardiovascular Diseases, a. s.	prof. MUDr. Martina Zavacká, PhD., MPH, MBA	Surgical and endovascular revascularization in hemodialysis patients with critical limb ischemia	Michael Harrison, 4. y., GM
7.	Department of Vascular Surgery East Slovak Institute of Cardiovascular Diseases, a. s.	prof. MUDr. Martina Zavacká, PhD., MPH, MBA	Širokospektrálna transkriptómová analýza potencionálnych biomarkerov ischemickej tolerancie vyvolaných karotickou endarterektómiou	Simona Gibalová, 5. r., VL Branislav Feckanin, 5. r., VL
8.	[1]Department of Medical Biology of the Faculty of Medicine [2]Department of Neurology Louis Pasteur University Hospital in Košice	[1]RNDr. Jana Neupauerová, PhD. [2]MUDr. Miriam Ostrožovičová, PhD.	Screening the prevalence of the p.L1795F variant in the *LRRK2* gene associated with Parkinson´s disease in the Slovak population	Alvaro Penacorada Crespo, 5th y., GM
9.	1st Department of Surgery Louis Pasteur University Hospital in Košice	MUDr. Kleanthia Efthymiou Popovičová PhD.	Komplikácie miniinvazívnych chirurgických výkonov u pacientov liečených novými orálnymi antikoagulanciami NOAK v akútnej medicíne	Martina Heimová, 4. r., VL
10.	Department of Radiodiagnostics and Imaging Techniques Louis Pasteur University Hospital in Košice	MUDr. Piotr Pedowski, PhD., MPH	Vplyv denzity trombu na NCCT ako prediktory stratégie MET (stent-retriever vs. aspirácia)	Christopher Bálint, 5.r., VL
11.	[1]Department of Medical Informatics and Simulation Medicine of the Faculty of Medicine [2] Medical Education Centre of the Faculty of Medicine	[1]doc. Ing. Jaroslav Majerník, PhD. [2]MUDr. Tomáš Petras	Efektivita simulátorovej výučby na UPJŠ LF: spätná väzba študentov a porovnanie s tradičnými metódami výučby	Daniella Jenčová, 6. r., VL

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Number	Department	Supervisor (s)	Topic of Work	Student (s)
12.	1st Department of Anaesthesiology and Intensive Medicine Louis Pasteur University Hospital in Košice	MUDr. Vladimír Hudák, PhD.	Neuromonitoring during surgery as a potential prevention of postoperative delirium	Kateryna Afanasieva, 5th y., GM
13.	Department of Medical Informatics and Simulation Medicine of the Faculty of Medicine	Mgr. Milan Stebnický, PhD. doc. Ing. Jaroslav Majerník, PhD.	AI-Assisted Visualisation and Explanation of CGM and Insulin Pump Data for Improved User Understanding	Thomas Andrej Martin, 1st y., GM
14.	Department of Medical and Clinical Biochemistry of the Faculty of Medicine	RNDr. Monika Švecová, PhD. Mgr. Eva Kriváková, PhD.	Vplyv vybraných faktorov expozómu na molekulárne a funkčné charakteristiky endometriálnej receptivity	Veronika Orlovská, 2. r., LVMvZ
15.	Department of Medical and Clinical Biochemistry of the Faculty of Medicine	doc. RNDr. Lukáš Smolko, PhD.	Potential therapeutic effect of novel zinc complex with vanillic acid	Carina Nicole Hagemann, 5. y., GM
16.	2nd Department of Psychiatry Louis Pasteur University Hospital in Košice	doc. MUDr. Aneta Bednářová, PhD.	Využívanie AI chatbotov na podporu duševného zdravia u študentov medicíny a technických odborov: dvojvlnová longitudinálna štúdia	Ema Macková, 5. r., VL Katarína Hybelová, 5. r., VL

List of occupied topics for ŠVOČ in academic year 2026/2027

Number	Department	Supervisor (s)	Topic of Work	Student (s)
17.	[1]Department of Histology and Embryology of the Faculty of Medicine [2]1st Department of Surgery Louis Pasteur University Hospital in Košice	[1]doc. MVDr. Štefan Tóth, PhD. [2]MUDr. David Adandedjan, PhD.	Nové imunohistochemické markery pre analýzu štepu obličky septického darcu po strojovej perfúzii kombinovanej s antibiotikami	Ján Petro , 4.r., VL Kristína Krišková, 3. r., ZL
18.	Associated Tissue Bank of the Faculty of Medicine	RNDr. Lucia Slovinská, PhD. RNDr. Jana Matejová, PhD.	Characterization of Circulating Extracellular Vesicles in the Blood of Patients with Parkinson's Disease and Healthy Individuals	Joanna Palacz, 5. y., GM Neha Joseph, 5. y., GM
19.	[1]1st Department of Surgery Louis Pasteur University Hospital in Košice [2]Department of Medical and Clinical Biochemistry of the Faculty of Medicine	[1]MUDr. Veronika Roškovičová, PhD. [2]doc. RNDr. Jana Mašlanková, PhD.	Štúdium signálnej dráhy TGF-β a fluorescenčných metabolitov pri nádoroch gastrointestinálneho traktu	Andrea Rosa, 4. r., VL Martina Sokolová, 6. r., VL
20.	[1]2nd Department of Surgery Louis Pasteur University Hospital in Košice [2]Laboratory of Research Bio-models of the Faculty of Medicine	doc. MUDr. Ivan Kováč, PhD. MUDr. Dominika Mati Bumberová	Hojenie ezofago-gastrickej anastomózy (EGA) u potkanov: vplyv GIC (gastric ichaemic conditioning) na hojenie EGA	Miroslava Žvandová, 6. r., VL Sandra Assad, 6. r., VL Eva Janková, 4. r., VL Jakub Jánoš, 4. r., VL Marko Juhás, 4. r., VL
21.	[1]Department of Anatomy of the Faculty of Medicine [2]Department of Neurology Louis Pasteur University Hospital in Košice	[1]MUDr. Marko Vrzgula, PhD. [2]MUDr. Lenka Josayová	Identifikácia optimálnych miest pre ultrazvukom navigovanú aplikáciu botulotoxínu do vybraných svalov dolnej končatiny pri leičbe spasticity	Jakub Háber, 3. r., VL Sofia Illésová, 3. r., VL

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Number	Department	Supervisor (s)	Topic of Work	Student (s)
22.	Department of Anatomy of the Faculty of Medicine	MUDr. Marko Vrzgula, PhD.	Topografická a morfologická analýza priebehu a vetvenia arteria femoralis na dolných končatinách: kadaverická štúdia	Tomáš Borza, 4.r., VL Šimon Kentoš, 4. r., VL
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