

SELECTION OF NOTABLE PUBLICATION OUTPUTS OF DEPARTMENT MEMBERS

2020 - 2025

A complete overview of publications including citations in the Web of Science and SCOPUS databases, or also on the website: <https://www.upjs.sk/pracoviska/univerzitna-kniznica/evidencia-publikacnej-cinnosti/>.

Selection of scientific papers in international/domestic peer-reviewed journals and in journals indexed in Web of Science and Scopus:

1. ÜRGEOVÁ, Anna (10%) - JAVORSKÝ, Martin (10%) - **KLIMČÁKOVÁ, Lucia** (10%) - **ŽIDZIK, Jozef** (10%) - **ŠALAGOVÍČ, Ján** (10%) - HUBÁČEK, Jaroslav A. (5%) - DOUBRAVOVÁ, Pavlína (5%) - GOTTHARDOVÁ, Ivana (10%) - KVAPIL, Milan (5%) - PELIKÁNOVÁ, Terezie (5%) - TKÁČ, Ivan (10%) - YALURI, Alena (10%): Genetic variants associated with glycemic response to treatment with dipeptidylpeptidase 4 inhibitors. Pharmacogenomics 2020, 21(5), 317-323. 10.2217/pgs-2019-0147 DOI; SCOPUS; CCC; WOS; Q3 - SJR, IF=2.533
2. TÓTHOVÁ, Zuzana (3%) - **ŠEMELÁKOVÁ, Martina** (27%) - Bhide, Katarína (5%) - Bhide, Mangesh Ramesh (5%) - KOVÁČ, Andrej (2%) - MAJEROVÁ, Petra (3%) - KVAKOVÁ, Monika (2%) - ŠTOFILOVÁ, Jana (3%) - SOLÁROVÁ, Zuzana (10%) - **SOLÁR, Peter** (40%). Differentially expressed genes induced by erythropoietin receptor overexpression in rat mammary adenocarcinoma RAMA 37-28 cells. In: International Journal of Molecular Sciences. 24, č. 10 (2023), art. no. 8482, s. 1-18. 10.3390/ijms24108482 DOI; SCOPUS; CCC; WOS; Q2 - SJR, IF=4.9
3. **HUDÁKOVÁ, Terézia** (10%) - **ŠEMELÁKOVÁ, Martina** (27%) - OČENÁŠ, Peter (10%) - KOŽURKOVÁ, Mária (10%) - KROCHTOVÁ, Kristína (10%) - SOVOVÁ, Simona (1%) - TÓTHOVÁ, Zuzana (1%) - GULAŠOVÁ, Zuzana (1%) - POPELKA, Peter (10%) - **SOLÁR, Peter** (20%). Chili pepper extracts, capsaicin, and dihydrocapsaicin as potential anticancer agents targeting topoisomerases. In: BMC complementary medicine and therapies. Roč. 24, č. 1 (2024), art. no. 96, s. 1-11. 10.1186/s12906-024-04394-5 DOI; SCOPUS; CCC; WOS; Q1 - SJR, IF=3.4
4. JARČUŠKOVÁ, Dominika (15%) - TKÁČ, Ivan (20%) - HLAVÁČOVÁ, Nataša (6%) - YALURI, Alena (4%) - KOZÁROVÁ, Miriam (4%) - **HABALOVÁ, Viera** (6%) - **KLIMČÁKOVÁ, Lucia** (3%) - **ŽIDZIK, Jozef** (3%) - JAVORSKÝ, Martin (4%) - BEDNÁŘOVÁ, Aneta (35%) Serotonin transporter 5-HTTLPR

polymorphism and escitalopram treatment response in patients with major depressive disorder. In: BMC Psychiatry. - ISSN 1471-244X. - Roč. 24, č. 1 (2024), 690, s. 1-7. 10.1186/s12888-024-06162-8 DOI; SCOPUS; CCC; WOS; Q1 - SJR; IF=3.4

5. **HARVANIK, Pavol** (25%) - **ŠEMELÁKOVÁ, Martina** (25%) - **SOLÁROVÁ, Zuzana** (25%) - **SOLÁR, Peter** (25%). Novel factors of cisplatin resistance in epithelial ovarian tumours. *Advances in Medical Sciences : official Journal of the Medical University of Bialystok, Poland.* - ISSN 1896-1126. - Roč. 70, č. 1 (2025), s. 94-102. 10.1016/j.advms.2025.01.005 DOI; SCOPUS; WOS; Q3 - SJR; IF=2.6
6. **KOLVEK, Gabriel** (47%) - **KLIMČÁKOVÁ, Lucia** (40%) - **HRČKOVÁ, Gabriela** (1%) - **ŽIDZIK, Jozef** (1%) - **PODRACKÁ, Ľudmila** (1%) - **BALTESOVÁ, Tatiana** (1%) - **KUBEJOVÁ, Kristína** (1%) - **ROSENBERGER, Jaroslav** (3%) - **BARKAI, László** (5%). High Prevalence of Autosomal Recessive Alport Syndrome in Roma Population of Eastern Slovakia. In: *Biomedicines.* - ISSN 2227-9059. - Roč. 13, č. 8 (2025), art. no. 1960, s. 1-12. 10.3390/biomedicines13081960 DOI; SCOPUS; WOS; Q1; IF=3.9
7. **SOLÁROVÁ, Zuzana** (14.29%) - **VASILEOVÁ, Angelika** (14.285%) - **MACICHOVÁ, Michaela** (14.285%) - **HARVANIK, Pavol** (14.285%) - **DANKOVÁ, Kristína** (14.285%) - **ŠEMELÁKOVÁ, Martina** (14.285%) - **SOLÁR, Peter** (14.285%). Current Prevalence of Hemoglobinopathies in the Slovak Population (2020–2024) [elektronický zdroj] . In: *Bratislava medical journal=Bratislavské lekárske listy.* - ISSN 1336-0345. - Roč. 126, č. 7 (2025), s. 1529-1535. 10.1007/s44411-025-00144-2 DOI; SCOPUS; WOS; Q2; IF=1.1
8. **VAŠKOVÁ, Janka** (35%) - **STUPÁK, Marek** (15%) - **VIDOVÁ UGURBAS, Martina** (20%) - **ŽIDZIK, Jozef** (15%) - **MIČKOVÁ, Helena** (15%) Therapeutic Uses of Retinol and Retinoid-Related Antioxidants. In: *Molecules.* - ISSN 1420-3049. - Roč. 30, č. 10 (2025), 2191, s. 1-24. 10.3390/molecules30102191 DOI; SCOPUS; CCC; WOS; Q2- SJR; IF=4.6
9. **VAŠKOVÁ, Janka** (40%) - **KOVÁČOVÁ, Gabriela** (30%) - **PUDELSKÝ, Jakub** (10%) - **PALENČÁR, Drahomír** (10%) - **MIČKOVÁ, Helena** (10%). Methylglyoxal Formation-Metabolic Routes and Consequences [elektronický zdroj] In: *Antioxidants.* - ISSN 2076-3921. - Roč. 14, č. 2 (2025), art. no. 212, s. [1-33]. 10.3390/antiox14020212 DOI; WOS; SCOPUS; Q1- SJR; IF=6.6
10. **KOČAN, Ladislav** (50%) – **RAPČAN, Róbert** (10%) – **MLÁKA, Juraj** (2%) – **griger, Martin** (2%) – **POLIAK, Ľubomír** (2%) – **LENČEŠ, Peter** (2%) – **KOVALIČOVÁ, Lenka** (2%) – **MANIK, Eva** (2%) – **SHERDIL, Nath** (2%) – **BURIANEK, Miroslav** (2%) – **VAŠKOVÁ, Janka** (24%). Comparative Effectiveness of Radiofrequency Ablation, Cryoablation, and Endoscopic Denervation for Lumbar Facet Pain: A

Multicenter Trial. In: Spine (Phila Pa 1976). - ISSN 0362-2436.
10.1097/BRS.00000000000005539 DOI; WOS; SCOPUS; Q1- SJR; IF=3.5

Pedagogical output of publication activity as a whole:

1. SLABÁ, Eva (16%) - ŽIDZIK, Jozef (14.57%) - SOLÁR, Peter (9.4%) - MIČKOVÁ, Helena (14.13%) - ŠALAGOVÍČ, Ján (13.77%) - HUDÁKOVÁ, Terézia (13.29%) - HABALOVÁ, Viera (9.89%) - KLIMČÁKOVÁ, Lucia (6.3%) - ŠEMELÁKOVÁ, Martina (2.65%). **Lekárska biológia a genetika**. recenzenti Mangesh Ramesh Bhide, Peter Kubatka. - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2023. - 354 s. [22,65 AH]. - ISBN 9788057401773.
2. ŽIDZIK, Jozef (25.19%) - HUDÁKOVÁ, Terézia (36.15%) - ŠEMELÁKOVÁ, Martina (25.89%) - ŠALAGOVÍČ, Ján (12.77%). **Metódy v genetike človeka a molekulovej biológii**. recenzenti Hedviga Košuthová, Peter Vasovčák. - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025. - 236 s. [20,38 AH] - DIGARCHUPJS. - ISBN (elektronické) 9788057404019.. - ISBN 9788057404156.
3. HUDÁKOVÁ, Terézia (73%) - ŠALAGOVÍČ, Ján (17%) - ŽIDZIK, Jozef (10%). **Skriptum z lekárskej biológie a genetiky**: [elektronický zdroj] / pre bakalárske študijné programy; recenzenti: Tatiana Kimáková, Peter Vasovčák. - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025. - 168 s. [11,07 AH], online - DIGARCHUPJS.. - ISBN (elektronické) 9788057404378.