

Vybrané publikácie (2018-2023)

ABA - Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách

1. Kubatka, P., Mazuráková, A., **Kello, M., Mojžiš, J.**, Solár, P., Solárová, Z., Žúbor, P., Zulli, A., Danko, J., Kabir, Y.: Plant-derived functional foods with chemopreventive and therapeutic potential against breast cancer: a review of the preclinical and clinical data. In: Functional Foods in Cancer Prevention and Therapy. - Londyn : Academic Press, 2020. - ISBN 9780128161517. - S. 283-314

ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

1. Bujňáková Z, Shpotyuk O, Dutková E, Tóthová E, Kováč J, **Kello M**, Baláž M, Baláž P. Chapter 8 - Processing of natural mineral magnetite for medical applications. In Biocompatible Hybrid Oxide Nanoparticles for Human Health. Elsevier pp. 125-143, 2019,

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách

1. **Mirossay L, Mojžiš J**, a kol. : Základná farmakológia a farmakoterapia I. a II. druhé vydanie, Equilibria, Košice 2021, 1162 s. ISBN 978-80-8143-273-6

ADC - Vedecké práce v zahraničných karentovaných časopisoch

1. **Mirossay L, Varinská L, Mojžiš J.** Antiangiogenic Effect of Flavonoids and Chalcones: An Update. Int J Mol Sci. 19, pii: E27., 2018 (IF=4,183; Q1)
2. **Varinská L, Fáber L, Kello M**, Petrovová E, Balážová Ľ, Solár P, **Čoma M**, Urdzík P, **Mojžiš J**, Švajdlenka E, Mučaji P, **Gál P.** β -Escin Effectively Modulates HUVECS Proliferation and Tube Formation. Molecules 23, pii: E197. 2018 (IF=2.861; Q2)
3. **Gál P**, Stausholm MB, Kováč I, Dosedla E, Luczy J, Sabol F, Bjordal JM. Should open excisions and sutured incisions be treated differently? A review and meta-analysis of animal wound models following low-level laser therapy. Lasers Med Sci. 2018 doi: 10.1007/s10103-018-2496-7. (IF=2,299; Q2)
4. Zivicova V, **Gal P**, Mifkova A, Novak S, Kaltner H, Kolar M, Strnad H, Sachova J, Hradilova M, Chovanec M, Gabius HJ, Smetana K JR., Fik Z. Detection of Distinct Changes in Gene-expression Profiles in Specimens of Tumors and Transition Zones of Tenascin-positive/-negative Head and Neck Squamous Cell Carcinoma. Anticancer Res.38, 1279-1290, 2018. (IF=1,937; Q3)

5. Vancova Z, **Cizmarikova M**, Dragasek J, Zofcakova S, Kolarcik P, **Mojzis J**. Does G2677T polymorphism of the MDR1 gene make a difference in the therapeutic response to paroxetine in depressed patients in a Slovakian population. *Med Sci Monit* 24, 3136-3145, 2018 (IF=1,585; Q2)
6. **Takac P**, **Kello M**, **Bago Pilatova M**, Kudlickova Z, Vilkova M, Slepckikova P, Petik P, **Mojzis J**. New chalcone derivative exhibits antiproliferative potential by inducing G2/M cell cycle arrest, mitochondrial-mediated apoptosis and modulation of MAPK signalling pathway. *Chem Biol Interac* 292, 37–49, 2018. (IF=3,296; Q1)
7. Budovská M, Baláž M, Mezencev R, **Tischlerová V**, **Zigová M**, **Mojžiš J**. Design, synthesis and anticancer activity of trifluoromethylphenylamino substituted spiroindoles. *J Fluor Chem* 216, 24-32, 2018 (IF=1,879; Q3)
8. **Fáber L**, Kováč I, Mitrengová P, Novotný M, **Varinská L**, Vasilenko T, **Kello M**, **Čoma M**, **Kuruc T**, **Petrová K**, Miláčková I, Kuczmánová A, Perželová V, Mižáková Š, Dosedla E, Sabol F, Luczy J, Nagy M, Majerník J, Koščo M, Mučaji P, **Gál P**. Genistein Improves Skin Flap Viability in Rats: A Preliminary In Vivo and In Vitro Investigation. *Molecules* 23, pii: E1637, 2018 (IF=3.098; Q2)
9. Uramova S, Kubatka P, Dankova Z, Kapinova, A, Zolakova B, Samec M, Zubor P, Zulli A, Valentova V, Kwon TK, Solar P, **Kello M**, Kajo K, Busselberg D, Pec M, Danko, J. Plant natural modulators in breast cancer prevention: status quo and future perspectives reinforced by predictive, preventive, and personalized medical approach. *EPMA Journal* 9, 403-419, 2018 (IF=3.9; Q1)
10. **Solárová Z**, **Kello M**, Hamuláková S, **Mirossay L**, Solár P. Anti-Cancer Effect of Tacrine-Coumarin Derivatives on Diverse Human and Mouse Cancer Cell Lines. *Acta Chimica Slovenica* 65, 875-881, 2018 (IF=1.104; Q3)
11. Raschmanová JŠ, Martinková M, Gonda J, **Pilátová MB**, Kupka D, Jáger D. Synthesis of the cytotoxic phytosphingosines and their isomeric analogues. *Carbohydr Res.* 468, 1-12, 2018 (IF=1,841; Q2)
12. Čonková M, Martinková M, Gonda J, Jacková D, **Pilátová MB**, Kupka D, Jáger D. Stereoselective synthesis and antiproliferative activity of the isomeric sphinganine analogues. *Carbohydr Res.* 472, 76-85, 2019 (IF=1,84; Q2)
13. Gonda J, Fazekášová S, Martinková M, Mitříková T, Roman D, **Pilátová MB**. Synthesis and biological activity of sphingosines with integrated azobenzene switches. *Org Biomol Chem.* 17, 3361-3373, 2019 (IF=3,412; Q1)
14. Kubatka P, Uramova S, **Kello M**, Kajo K, Samec M, Jasek K, Vybohova D, Liskova A, **Mojzis J**, Adamkov M, Zubor P, Smejkal K, Svajdlenka E, Solar P, Samuel SM, Zulli A, Kassayova M, Lasabova Z, Kwon TK, Pec M, Danko J, Büsselberg D. Anticancer Activities of Thymus vulgaris L. in Experimental Breast Carcinoma in Vivo and in Vitro. *Int J Mol Sci.* 20, pii: E1749. 2019 (IF=3,69; Q1)
15. Rozman Antolikova N, **Kello M**, **Zigova M**, **Tischlerova V**, Petrilla V, Pirnik Z, Mojzisova G, **Mojzis J**. Naja ashei venom induces mitochondria-mediated apoptosis in human colorectal cancer cells. *Acta Biochim Pol.*, 66, 207-213, 2019. (IF=1,46; Q4)

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17. Bittner Fialová S, **Kello M, Čoma M**, Slobodníková L, Drobná E, Holková I, Garajová M, Mrva M, Zachar V, Lukáč M. Derivatization of Rosmarinic Acid Enhances its in vitro Antitumor, Antimicrobial and Antiprotozoal Properties. *Molecules* 24, 1078, 2019 (IF=3.06; Q2)
18. Goga M, **Kello M**, Vilková M, **Petrova K**, Backor M, Adlassnig W, Lang I. Oxidative stress mediated by gyrophoric acid from the lichen *Umbilicaria hirsuta* affected apoptosis and stress/survival pathways in HeLa cells. *BMC complementary and alternative medicine* 19, 1-13, 2019 (IF=2.82; Q1)
19. **Michalová Z, Čoma M, Kičová M**, Gabzdilová J, Dedinská K, Guman T, **Hájíková M**, Veselinyová D, Giertlova M, Gál P, **Šarišský M**. Overexpression of Galectin-3 in Chronic Lymphocytic Leukemia Is Associated With 17p Deletion: A Short Report. *Anticancer Res.* 39, 2805-2810, 2019 (IF=1,99; Q3)
20. Lacina L, **Čoma M**, Dvořánková B, Kodet O, **Melegová N**, Gál P, Smetana K Jr. Evolution of cancer progression in the context of Darwinism. *Anticancer Res* 39, 1-16. 2019 (IF=1,99; Q3)
21. Budovská M, **Tischlerová V, Mojžiš J**, Kozlov O, Gondová T. An alternative approach to the synthesis of anticancer molecule spirobrassinin and its 2'-amino analogues. *Monatshefte für Chemie* 151, 63-77, 2020 (IF=1,5; Q3)
22. Kubatka P, **Kello M**, Kajo K, Samec M, Jasek K, Vybohova D, Uramova S, Liskova A, Sadlonova V, Koklesova L, Murin R, Adamkov M, Smejkal K, Svajdlenka E, Solar P, Samuel SM, Kassayova M, Kwon TK, Zubor P, Pec M, Danko J, Büsselberg D, **Mojzis J**. Chemopreventive and Therapeutic Efficacy of *Cinnamomum zeylanicum* L. Bark in Experimental Breast Carcinoma: Mechanistic In Vivo and In Vitro Analyses. *Molecules* 25, pii: E1399, 2020 (IF=3,06; Q2)
23. Bujňáková Z, **Kello M**, Kováč J, Tóthová E, Shpotyuk O, Baláž P, **Mojžiš J**, Andrejko S. Preparation of As₄S₄/Fe₃O₄ nanosuspensions and in-vitro verification of their anticancer activity. *Mater Sci Eng C Mater Biol Appl.* 110:110683. 2020 (IF=4,959; Q1)
24. Samec M, Liskova A, Koklesova L, Samue SM, Zha K, Buhrmann C, Varghese E, Abotaleb M, Qaradakhli T, Zulli A, **Kello M, Mojzis J.**, Zubor P, Kwon TK, Shakibaei M, Büsselberg D, Sarria GR, Golubnitschaja O, Kubatka P. Flavonoids against the Warburg phenotype—concepts of predictive, preventive and personalised medicine to cut the Gordian knot of cancer cell metabolism. *EPMA Journal* 11, 377-398, 2020 (IF=4,9; Q1)
25. Dutková E, Lukáčová Bujňáková Z, **Kello M, Mojžiš J**, Skurikhina O, Briančin J. Chitosan capped CuInS₂ and CuInS₂/ZnS by wet stirred media milling: in vitro verification of their potential bio-imaging applications. *Appl Nanosci* 10, 4661–4671 (IF= 2.88; Q3)
26. Kuzderová G, Rendošová M, Gyepes R. Almáši M, Sabolová D, Vilková M, Olejníková P, Hudecová D, **Kello M**, Vargová Z. In vitro biological evaluation and consideration about

- structure-activity relationship of silver (I) aminoacidate complexes. *Journal of Inorganic Biochemistry* 210, 111170, 2020 (IF=3.21; Q1)
27. **Solárová Z, Kello M, Solár P.** Apoptotic Effect of Homobrassinin and Thiazino [6, 5-b] indol is Associated with Downregulation of Heat Shock Proteins in Human Ovarian Adenocarcinoma Cells. *Acta Chimica Slovenica* 67, 2020 (IF=1.26; Q3)
 28. **Kicova M, Michalova Z, Coma M,** Gabzdilova J, Dedinska K, Guman T, Bernatova S, **Hajikova M,** Giertlova M, Veselinyova D, **Sarissky M.** The expression of CD73 on pathological B-cells is associated with shorter overall survival of patients with CLL. *Neoplasma* 67, 933-938, 2020 (IF=1,72; Q3)
 29. Jacková D, Brunderová M, Fábian M, Martinková M, Gonda J, **Pilátová MB.** Synthesis and anticancer profile of novel sphingoid base-like compounds with a quaternary stereocentre. *Carbohydr Res.* 487,107862, 2020 (IF=1,84; Q2)
 30. Budovská M, Selešová I, **Tischlerová V, Michalková R, Mojžiš J.** Design, synthesis, and biological evaluation of novel 5-bromo derivatives of indole phytoalexins. *Monatsh Chem* 151, 1737–1758, 2020 (IF=1,34; Q3)
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 33. Kubatka P, **Kello M,** Kajo K, Samec M, Liskova A, Jasek K, Koklesova L, **Kuruc T,** Adamkov M, Smejkal K, Svajdlenka E, Solar P, Pec M, Büsselberg D, Sadlonova V, **Mojzis J.** *Rhus coriaria* L. (Sumac) Demonstrates Oncostatic Activity in the Therapeutic and Preventive Model of Breast Carcinoma. *Int J Mol Sci.* 22, 183, 2021 (IF= 4.556; Q1)
 34. Kudličková Z, Takáč P, Sabolová D, Vilková M, Baláž M, Béres T, **Mojžiš J.** Novel 1-methoxyindole- and 2-alkoxyindole-based chalcones: design, synthesis, characterization, antiproliferative activity and DNA, BSA binding interactions. *Med Chem Res* 30, 897-912, 2021. (IF= 1.78; Q3)
 35. **Kuruc T, Kello M, Petrova K,** Kudlickova Z, Kubatka P, **Mojzis J.** The Newly Synthesized Chalcone L1 is Involved in the Cell Growth Inhibition, Induction of Apoptosis and Suppression of Epithelial-to-Mesenchymal Transition of HeLa Cells. *Molecules* 26, 1356, 2021 (IF=3.26; Q2)
 36. **Gál P,** Vasilenko T, Kováč I, **Čoma M,** Jakubčo J, Jakubčová M, Perželová V, **Urban L,** Kolář M, Sabol F, Luczy J, Novotný M, Majerník J, Gabius HJ, Smetana KJ. Human galectin-3: Molecular switch of gene expression in dermal fibroblasts in vitro and of skin collagen organization in open wounds and tensile strength in incisions in vivo. *Mol Med Rep* 23, 11738, 2021. (IF=2,1; Q2)

37. **Čoma M**, Fröhlichová L, **Urban L**, Zajíček R, Urban T, Szabo P, Novák Š, Fetissov V, Dvořánková B, Smetana K Jr, **Gál P**. Molecular changes underlying hypertrophic scarring following burns involve specific deregulations at all wound healing stages (inflammation, proliferation and maturation). *Int J Mol Sci* 22, 1-20, 2021 (IF=4.55; Q1)
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39. Rendošová M, Gyepes R, Maruščáková IC, Mudroňová D, Sabolová D, **Kello M**, Vilková M, Almáši M, Huntošová V, Zemek O, Vargová Z . An in vitro selective inhibitory effect of silver(i) aminoacidates against bacteria and intestinal cell lines and elucidation of the mechanism of action by means of DNA binding properties, DNA cleavage and cell cycle arrest. *Dalton Trans.* 50, 936-953 2021 (IF=4,05; Q2)
40. Novák Š, Kolář M, Szabó A, Vernerová Z, Lacina L, Strnad H, Šáchová J, Hradilová M, Havránek J, Španko M, **Čoma M**, **Urban L**, **Kaňuchová M**, **Melegová N**, Gürlich R, Dvořák J, Smetana K Jr, **Gál P**, Szabo P. Desmoplastic Crosstalk in Pancreatic Ductal Adenocarcinoma Is Reflected by Different Responses of Panc-1, MIAPaCa-2, PaTu-8902, and CAPAN-2 Cell Lines to Cancer-associated/Normal Fibroblasts. *Cancer Genomics Proteomics.* 18, 221-243, 2021 (IF=3,28; Q2)
41. **Bogdanova A**, **Kello M**, **Macejova A**, **Nosalova N**, Petik P, Takac P, Martinkova M, Mezeiova E, **Mirossay L**, **Gal P**, **Pilatova MB**. Jaspine B Hydrochloride-induced Apoptosis in HeLa Cells Is Associated With Disrupted Sphingolipid Metabolism and Ceramide Overload. *Anticancer Res.* 41, 2875-2883, 2021 (IF=1,99; Q3)
42. **Kaňuchová M**, **Urban L**, **Melegová N**, **Čoma M**, Dvořánková B, Smetana K Jr, **Gál P**. Genistein does not inhibit TGF-beta1-induced conversion of human dermal fibroblasts to myofibroblasts. *Physiol Res.* 70, 815-820, 2021 (IF=2,14; Q3)
43. Do Pham DD, Jenčová V, **Kaňuchová M**, Bayram J, Grossová I, Šuca H, **Urban L**, Havlíčková K, Novotný V, Mikeš P, Mojz V, Asatiani N, Košťáková EK, Maixnerová M, Vlková A, Vítovská D, Šanderová H, Nemeč A, Krásný L, Zajíček R, Lukáš D, Rejman D, **Gál P**. Novel lipophosphonoxin-loaded polycaprolactone electrospun nanofiber dressing reduces *Staphylococcus aureus* induced wound infection in mice. *Sci Rep.* 11,17688, 2021 (IF=4,99; Q1)
44. Petrovova E, Tomco M, Holovska K, Danko J, Kresakova L, Vdoviakova K, Simaiova V, Kolvek F, Hornakova P, Toth T, Zivcak J, **Gal P**, Sedmera D, Luptakova L, Medvecky L. PHB/CHIT Scaffold as a Promising Biopolymer in the Treatment of Osteochondral Defects- An Experimental Animal Study. *Polymers (Basel)*, 13, 1232, 2021 (IF=4,97; Q1)

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

1. **Takac P**, **Kello M**, Vilkova M, Vaskova J, **Michalkova R**, Mojziso G, **Mojzis J**. Antiproliferative Effect of Acridine Chalcone Is Mediated by Induction of Oxidative Stress. *Biomolecules* 10, pii: E345, 2020 (IF=4,65; Q1)

2. **Kello M, Takac P, Kubatka P, Kuruc T, Petrova K, Mojzis J.** Oxidative Stress-Induced DNA Damage and Apoptosis in Clove Buds-Treated MCF-7 Cells. *Biomolecules* 10, pii: E139, 2020 (IF=4,65; Q1)
3. Špaková I, Rabajdová M, Dubayová K, Nagyová V, **Pilátová MB**, Mareková M. Development of novel parameter for monitoring of malignant melanoma progression. *Pract Lab Med.* 22, e00182, 2020 (IF=1,7; Q3)
4. **Petrova K, Kello M, Kuruc T,** Backorova M, Petrovova E, Vilkovala V, Goga M, Rucova D, Backor M, **Mojzis J.** Potential Effect of Pseudevernia furfuracea (L.) Zopf Extract and Metabolite Physodic Acid on Tumour Microenvironment Modulation in MCF-10A Cells. *Biomolecules* 11, 420, 2021 (IF=4,082; Q1)
5. **Michalkova R, Mirossay L, Gazdova M, Kello M, Mojzis J.** Molecular Mechanisms of Antiproliferative Effects of Natural Chalcones. *Cancers* 13, 2730 2021 (IF=6,126; Q1)
6. Hudec J, **Mojzis J,** Habanova M, Saraiva JA, Hradil P, Lipta, T, Kobida L, Haban M, Holovicova M, Zvercova D. In vitro Cytotoxic Effects of Secondary Metabolites Present in *Sarcopoterium spinosum* L. *Appl. Sci.* 11, 5300, 2021 (IF=2,474; Q2)
7. Kostova I, **Mojžiš J,** Chis V. Theoretical and Experimental Vibrational Characterization of Biologically Active Nd(III) Complex. *Molecules*, 26, 2726, 2021 (IF=4,41; Q2)
8. **Kello M, Kuruc T, Petrova K,** Goga M, **Michalova Z, Coma M,** Rucova D, **Mojzis J.** Pro-Apoptotic Potential of Pseudevernia furfuracea (L.) Zopf Extract and Isolated Physodic Acid in Acute Lymphoblastic Leukemia Model In Vitro. *Pharmaceutics.* 13, 2173, 2021. (IF=6,32; Q1)
9. **Gál P,** Vasilenko T, Kováč I, **Čoma M,** Jakubčo J, Jakubčová M, Perželová V, **Urban L,** Kolář M, Sabol F, Luczy J, Novotný M, Majerník J, Gabius HJ, Smetana KJ. Human galectin-3: Molecular switch of gene expression in dermal fibroblasts in vitro and of skin collagen organization in open wounds and tensile strength in incisions in vivo. *Mol Med Rep*, 23, 99. 2021 (IF=3,43;Q2)
10. **Čoma M,** Lachová V, Mitrengová P, **Gál P.** Molecular Changes Underlying Genistein Treatment of Wound Healing: A Review. *Curr. Issues Mol. Biol.* 43, 127-141, 2021 (IF=2,69; Q3)

V3 - Vedecký výstup publikačnej činnosti z časopisu

1. **Michalkova R, Kello M,** Kudlickova Z, **Gazdova M, Mirossay L, Mojzisova G, Mojzis J.** Programmed Cell Death Alterations Mediated by Synthetic Indole Chalcone Resulted in Cell Cycle Arrest, DNA Damage, Apoptosis and Signaling Pathway Modulations in Breast Cancer Model. *Pharmaceutics*, 14, 503, 2022 (IF=6,32; Q1)
2. **Bardelčíková A, Miroššay A,** Šoltýs J, **Mojžiš J.** Therapeutic and prophylactic effect of flavonoids in post-COVID-19 therapy. *Phytother Res.* 36, 2042-60, 2022, (IF=5,88; Q1)

3. Balážová Ľ, Kurhajec S, **Kello M**, Bedlovičová Z, **Zigová M**, Petrovová E, Beňová K, **Mojžiš J**, Eftimová J. Antiproliferative Effect of Phellodendron amurense Rupr. Based on Angiogenesis. *Life*, 12, 767, 2022 (IF=3,81; Q1)
4. Vilková M, **Michalková R**, **Kello M**, Sabolová D, Takáč P, Kudličková Z, Garberová M, Tvrdoňová M, Béres T, **Mojžiš J**. Discovery of novel acridine-chalcone hybrids with potent DNA binding and antiproliferative activity against MDA-MB-231 and MCF-7 cells. *Med Chem Res* 31, 1323–1338, 2022 (IF=1,65; Q3)
5. Budovska M, Krochtova K, **Michalkova R**, **Mojzis J**. Aminoanalogues of isobrassinin, erucalexin and isocyclobrassinin: Synthesis and evaluation of the antiproliferative and cytotoxic properties. *Tetrahedron* 120, 132898 2022 (IF=2,38; Q2)
6. **Petrová K**, Bačkorová M, Demčišáková Z, Petrovová E, Goga M, Vilková M, Frenák R, Bačkor M, **Mojžiš J**, **Kello M**. Usnic Acid Isolated from Usnea antarctica (Du Rietz) Reduced In Vitro Angiogenesis in VEGF- and bFGF-Stimulated HUVECs and Ex Ovo in Quail Chorioallantoic Membrane (CAM) Assay. *Life* 12, 1444, 2022 (IF=3, 25; Q1).
7. **Gazdova M**, **Michalkova R**, **Kello M**, Vilkova M, Kudlickova Z, Baloghova J, **Mirossay L**, **Mojzis J**. Chalcone-Acridine Hybrid Suppresses Melanoma Cell Progression via G2/M Cell Cycle Arrest, DNA Damage, Apoptosis, and Modulation of MAP Kinases Activity. *Int J Mol Sci.* 23, 12266, 2022 (IF=6,208; Q1)
8. Gibarti C, **Urban L**, Vícha B, Hánová K, Gallovičová A, Koribský R, Majerník J, **Gál P**, Lukačín Š, Studenčan M. Determining optimal threshold for lumen stenosis in coronary CT angiography to select patients for heart catheterization: a single-center retrospective analysis. *Cardiol Lett.* 31, 284-290, 2022 (IF=0,136; Q4)
9. Mazurakova A, Koklesova L, Samec M, Kudela E, Sivakova J, Pribulova T, Pec MJ, Pec M, **Kello M**, Büsselberg D, Golubnitschaja O, Gaspar L, Caprnda M, Adamek M, Prosecky R, Eminova E, Baranenko D, Kruzliak P, Kubatka P, Biringer K. Flavonoids exert potential in the management of hypertensive disorders in pregnancy. *Pregnancy Hypertens.* 29, 72-85, 2022 (IF=2,492; Q1)
10. Jakabčín P, **Kello M**, Záh J, Kolář J, Uličný J. Hetastarch induced volume changes of starving adenoma and suggested mechanism of action. *Sci Rep.* 12, 17988. 2022 (IF=4,6; Q1)
11. Kepeňová M, **Kello M**, Smolková R, Goga M, Frenák R, Tkáčiková Ľ, Litecká M, Šubrt J, Potočňák I. Low-Dimensional Compounds Containing Bioactive Ligands. Part XIX: Crystal Structures and Biological Properties of Copper Complexes with Halogen and Nitro Derivatives of 8-Hydroxyquinoline. *Inorganics.* 10, 223, 2022 (IF=3,15; Q2)
12. **Melegová N**, **Čoma M**, **Urban L**, **Kaňuchová M**, Szabo P, Smetana K Jr, Mučaji P, **Gál P**. *Aesculus hippocastanum* L. extract differently modulates normal human dermal fibroblasts and cancer-associated fibroblasts from basal/squamous cell carcinoma. *Neoplasma* 69, 224-232, 2022 (IF=2,0; Q3)
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