

1. **Andrzejewska A**, Grzela R, Stankiewicz-Drogon A, **Rogujski P**, Nagaraj S, Darzynkiewicz E, **Lukomska B**, Janowski M. Mesenchymal stem cell engineering by ARCA analog-capped mRNA. *Mol Ther Nucleic Acids*. 2023 Jul 17;33:454-468. doi: 10.1016/j.omtn.2023.07.006. Praca oryginalna, open access. IF<sub>2022</sub>=8.8; IF<sub>5Y</sub>=8.4; Q1; 140 pkt.
2. **Audzeyenka I**, **Szrejder M**, **Rogacka D**, **Angielski S**, Saleem MA, **Piwkowska A**. β-Aminoisobutyric acid (L-BAIBA) is a novel regulator of mitochondrial biogenesis and respiratory function in human podocytes. *Sci Rep*. 2023 Jan 14;13(1):766. doi: 10.1038/s41598-023-27914-8. Praca oryginalna, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.9; Q2; 140 pkt.
3. **Augustyniak J\***, **Kozłowska H**, **Buzanska L\***: Genes involved in DNA repair and mitophagy protect embryoid bodies from the toxic effect of methylmercury chloride under physioxia conditions. *Cells*. 2023 Jan 21;12(3):390. doi:10.3390/cells12030390. Praca oryginalna, open access. IF<sub>2022</sub>=6.0; IF<sub>5Y</sub>=6.7; Q2; 140 pkt.
4. **Babiec L**, **Wilkaniec A**, **Matuszewska M**, **Pałasz E**, **Cieślik M**, **Adamczyk A**. Alterations of purinergic receptors levels and their involvement in the glial cell morphology in a pre-clinical model of autism spectrum disorders. *Brain Sciences*. 2023; 13(7):1088. doi: 10.3390/brainsci13071088. Praca oryginalna, open access. IF<sub>2022</sub>=3.3; IF<sub>5Y</sub>=3.4; Q3; 100 pkt.
5. **Barczak A**. Immunoterapia w chorobie Alzheimera- nowe leczenie, stare problemy. *Aktualn Neurol*. 2023, 23 (1) 14-18. doi.org/10.15557/AN.2023.0002. Praca przeglądowa, open access. Brak IF; 40 pkt.
6. Boccazzi M, Macchiarulo G, Lebon S, **Janowska J**, Le Charpentier T, Faivre V, Hua J, Marangon D, Lecca D, Fumagalli M, Mani S, Abbracchio MP, Gressens P, Schang AL, Van Steenwinckel J. G protein-coupled receptor 17 is regulated by WNT pathway during oligodendrocyte precursor cell differentiation. *Neurobiol Dis*. 2023 Sep 30:106315. doi: 10.1016/j.nbd.2023.106315. Praca oryginalna, open access. IF<sub>2022</sub>=6.1; IF<sub>5Y</sub>=5.9, Q1; 100 pkt.
7. Borecka A, Rech J, Janeczek H, Wilinska J, Kasperczyk J, Kobielarz M, **Grieb P**, Turek A. Development of the latanoprost solid delivery system based on poly(L-lactide-co-glycolide-co-trimethylene carbonate) with shape memory for glaucoma treatment. *Appl Sci*. 2023; 13: 7562. doi:10.3390/app13137562. Praca oryginalna, open access. IF<sub>2022</sub>=2.7; IF<sub>5Y</sub>=2.9; Q2; 100 pkt.
8. Borucka AI, **Gabryelewicz T**, Szaflik JP, Dorobek M, Kita-Mosek m, Nesteruk M, Świerczyńska M, Wierzba W, Szaflik J. Optical coherencetomography angiography in the evaluation of macular retinal microvasculature in patients in early clinical stage of Alzheimer's disease - a preliminary report. *Okulistyka* 2023; 4(Rok XXVI). Received: 20.11.2023; Accepted: 21.12.2023. doi: 10.5114/oku/177457. Brak IF; 100 pkt.
9. **Buczowska J**, **Szeliga M**. Two faces of glutaminase GLS2 in carcinogenesis. *Cancers*. 2023 Nov 24;15(23):5566; doi: 10.3390/cancers15235566. Publikacja przeglądowa; open access. IF<sub>2022</sub>=4.7; IF<sub>5Y</sub>=5.6; Q2; 200 pkt.
10. Buniowska-Olejnik M, Urbański J, Mykhalevych A, **Bieganowski P**, Znamirska-Piotrowska A, Kačániová M, Banach M. The influence of curcumin additives on the viability of probiotic bacteria, antibacterial activity against pathogenic microorganisms, and quality indicators of low-fat yogurt. *Front Nutr*. 2023; 3(10):1118752. doi: 10.3389/fnut.2023.1118752. Praca oryginalna, open access. IF<sub>2022</sub>=5.0; IF<sub>5Y</sub>=5.7; Q2; 70 pkt.
11. Casey NP, Klee CH, Fâne A, Caulier B, **Graczyk-Jarzynka A**, Krawczyk M, Fidyt K, Josefsson SE, Köksal H, Dillard P, Patkowska E, **Firczuk M**, Smeland EB, Winiarska M, Myklebust JH, Inderberg EM, Wälchli S. Efficient chimeric antigen receptor targeting of a central epitope of CD22. *J Biol Chem*. 2023 Jul;299(7):104883. doi.org/10.1016/j.jbc.2023.104883 Praca oryginalna, open access. IF<sub>2022</sub>=4.8; IF<sub>5Y</sub>=4.8; Q2; 140 pkt.
12. **Çağala-Jakimowicz M**, **Domaszewska-Szostek A**, **Puzianowska-Kuznicka M**. Interruption of lymph flow worsens the skin inflammation caused by saprophytic *Staphylococcus epidermidis*.

- Biomedicines* 2023;11:3234. doi: 10.3390/biomedicines11123234. Praca oryginalna, open access. IF<sub>2022</sub>=4.7; IF<sub>5Y</sub>=4.9; Q1; 100 pkt.
13. Chen D, Yang J, **Ostrowski R**, Li Y, Wang Y, Li Z, Yang Y, Li S, Li J, Li S, Xiong Y, Rong S, Pan C, Tang Z. Clinical study of CT-assisted positioning and bone marking-oriented transcerebellar aspiration of brainstem hemorrhage. *Brain Hemorrhages* 2023;4:116–121. doi: 10.1016/j.hest.2023.03.001. Praca oryginalna, open access. Brak IF; Q3, 20 pkt.
  14. **Cieslik M**, Zawadzka A, **Czapski GA**, **Wilkaniec A**, **Adamczyk A**. Developmental stage-dependent changes in mitochondrial function in the brain of offspring following prenatal maternal immune activation. *Int J Mol Sci.* 2023; 24: 7243. doi: 10.3390/ijms24087243. Praca oryginalna, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
  15. Cipora E, Czerw A, Partyka O, Pajewska M, Badowska-Kozakiewicz A, Fudalej M, Sygit K, Kaczmarski M, Krzych-Falta E, Jurczak A, Karakiewicz-Krawczyk K, Wieder-Huszla S, Banaś T, Bandurska E, Ciećko W, **Kosior DA**, Kułak P, Deptała A. Quality of life in patients with pancreatic cancer—a literature Review. *Int J Env Res Pub He.* 2023 Mar 10;20(6):4895. doi: 10.3390/ijerph20064895. Praca przeglądowa, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.8; Q2; 20 pkt.
  16. Curyło M, Rynkiewicz-Andryskiewicz M, Andryskiewicz P, Mikos M, Lusina D, Raczkowski JW, Partyka O, Pajewska M, Sygit K, Sygit M, Cipora E, Kaczmarski M, Gawiński Ł, Banaś T, Strzępek Ł, Juszczak G, Krzych-Falta E, Bandurska E, Ciećko W, Zabojszcz M, Zdziarski K, Knyszyńska A, **Kosior DA**, Marczak M, Czerw A, Kozłowski R. Acceptance of illness and coping with stress among patients undergoing alcohol addiction therapy. *J Clin Med.* 2023 Jul 19;12(14):4767. doi: 10.3390/jcm12144767. Praca oryginalna, open access. IF<sub>2022</sub>=3.9; IF<sub>5Y</sub>=4.1; Q2; 140 pkt.
  17. Curyło M, Rynkiewicz-Andryskiewicz M, Andryskiewicz P, Mikos M, Lusina D, Raczkowski JW., Pajewska M, Partyka O, Sygit K, Sygit M, et al. (**Kosior D.**). Evaluation of health pattern and stress levels among patients undergoing alcohol addiction treatment—a cross sectional study. *J Clin Med.* 2023; 12: 4959. doi: 10.3390/jcm12154959. Praca oryginalna, open access. IF<sub>2022</sub>=3.9; IF<sub>5Y</sub>=4.1; Q2; 140 pkt.
  18. Czarnecka AM, **Obara-Michlewska M**, Wesół-Kucharska D, Greczan M, Kaczor M, Książyk J, Rokicki D, **Zielińska M**. S100B protein but not 3-nitrotyrosine positively correlates with plasma ammonia in patients with inherited hyperammonemias: a new promising diagnostic tool? *J Clin Med.* 2023 Mar 21;12(6):2411. doi: 10.3390/jcm12062411. Publikacja oryginalna; open access. IF<sub>2022</sub>=4.7; IF<sub>5Y</sub>=5; Q2; 140 pkt.
  19. **Dąbrowska-Bouta B**, **Strużyńska L**, **Sidoryk-Węgrzynowicz M**, **Sulkowski G**. Memantine improves the disturbed glutamine and γ-amino butyric acid homeostasis in the brain of rats subjected to experimental autoimmune encephalomyelitis. *Int J Mol Sci.* 2023; 24: 13149. doi: 10.3390/ijms241713149. Praca oryginalna, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
  20. Doll N, Weimar T, **Kosior DA**, Bulava A, Mokracek A, Mönnig G, Sahu J, Hunter S, Wijffels M, van Putte B, Rüb N, Nemeč P, Ostrizek T, Suwalski P. Efficacy and safety of hybrid epicardial and endocardial ablation versus endocardial ablation in patients with persistent and longstanding persistent atrial fibrillation: a randomised, controlled trial. *E Clinical Medicine.* 2023 Jun 22;61:102052. doi: 10.1016/j.eclinm.2023.102052. Praca oryginalna, open access. IF<sub>2022</sub>=15.1; IF<sub>5Y</sub>=13.8; Q1; 20 pkt.
  21. **Domaszewska-Szostek A**, Polak A, **Słupecka-Ziemilska M**, Krzyżanowska M, **Puzianowska-Kuznicka M**. Current status of cel-based therapies for vitiligo. *Int J Mol Sci.* 2023;24:3357. doi: 10.3390/ijms24043357. Praca przeglądowa, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
  22. Dudzisz-Sledź M, Kondracka M, Rudzińska M, Zając AE, Wiktoria Firlej, **Sulejczak D**, Borkowska A, Szostakowski B, Szumera-Ciećkiewicz A, Piątkowski J, Rutkowski P, Czarnecka AM. Mesenchymal chondrosarcoma from diagnosis to clinical trials. *Cancers* 2023; 15: 4581. doi: 10.3390/cancers15184581. Praca przeglądowa, open access. IF<sub>2022</sub>=5.2; IF<sub>5Y</sub>=5.6; Q2; 200 pkt.

23. Farzaneh M, Masoodi T, Ghaedrahmati F, **Radoszkiewicz K**, Anbiyaiee A, Sheykhi-Sabzehpoush M, Rad NK, Uddin S, Jooybari SPM, Khoshnam SE, Azizidoost S. An updated review of contribution of long noncoding RNA-NEAT1 to the progression of human cancers. *Pathol Res Pract*. 2023 May;245:154380. doi: 10.1016/j.prp.2023.154380. Praca przeglądowa, open access. **IF<sub>2022</sub>=2.8; IF<sub>5Y</sub>=2.7; Q2; 40 pkt.**
24. Farzaneh M, Nasrolahi A, Ghaedrahmati F, Masoodi T, Najafi S, Sheykhi-Sabzehpoush M, Dari MAG, **Radoszkiewicz K**, Uddin S, Azizidoost S, Khoshnam SE Potential roles of lncRNA-XIST/miRNAs/mRNAs in human cancer cells. *Clin Transl Oncol*. 2023 Jul;25(7):2015-2042. doi: 10.1007/s12094-023-03110-y. Praca przeglądowa, open access. **IF<sub>2022</sub>=3.4; IF<sub>5Y</sub>=3.1; Q3; 70 pkt.**
25. **Fichna JP**, Borczyk M, Piechota M, Korostynski M, **Zekanowski C**, Janik P. Genomic variants and inferred biological processes in multiplex families with Tourette syndrome. *J Psychiatry Neurosci*. 2023 May 19;48(3):E179-E189. doi: 10.1503/jpn.220206. Publikacja oryginalna; open access. **IF<sub>2022</sub>=4.3; IF<sub>5Y</sub>=5.2; Q2; 140 pkt.**
26. Fortunka M, Dec R, **Pulawski W**, Guza M, Dzwolak W\*. Self-assembly of insulin-derived chimeric peptides into two-component amyloid fibrils: the role of coulombic interactions. *J Phys Chem B*. 2023; 127(30): 6597-6607. doi: 10.1021/acs.jpcc.3c00976. Praca oryginalna, open access. **IF<sub>2022</sub>=3.3; IF<sub>5Y</sub>=3.0; Q3; 140 pkt.**
27. **Franek E**, Pais P, Basile J, Nicolay C, Raha S, Hickey A, Ahmad NN, Konig M, Kan H, Gerstein HC. General versus central adiposity as risk factors for cardiovascular-related outcomes in a high-risk population with type 2 diabetes: a post hoc analysis of the REWIND trial. *Cardiovasc Diabetol*. 2023;22:52. doi: 10.1186/s12933-023-01757-z. Praca oryginalna, open access. **IF<sub>2022</sub>=9.3; IF<sub>5Y</sub>=9.6; Q1; 140 pkt.**
28. **Gassowska-Dobrowolska M, Czapski GA, Cieřlik M, Zajdel K, Frontczak-Baniewicz M, Babiec L, Adamczyk A.** Microtubule cytoskeletal network alterations in a transgenic model of tuberous sclerosis complex: relevance to autism spectrum disorders. *Int J Mol Sci*. 2023; 24(8): 7303. doi: 10.3390/ijms24087303. Praca oryginalna, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
29. **Gassowska-Dobrowolska M, Chlubek M, Kolasa A, Tomasiak P, Korbecki J, Skowrońska K, Tarnowski M, Masztalewicz M, Baranowska-Bosiacka I.** Microglia and astroglia-the potential role in neuroinflammation induced by pre- and neonatal exposure to lead (Pb). *Int J Mol Sci*. 2023 Jun 8;24(12):9903. doi: 10.3390/ijms24129903. Praca oryginalna, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
30. Grazia A, Altomare D, Preis L, Monsch AU, Cappa SF, Gauthier S, Frölich L, Winblad B, Welsh-Bohmer KA, Teipel SJ, Boccardi M, **For the Consortium for the Harmonization of Neuropsychological Assessment:** Ahmed S, Alegret M, Arrondo C, Auriacombe S, **Barczak A**, Bastin Ch, Boada M, Borovecki F, Brioschi-Guevara A, Burow L, Castellví M, Chicherio Ch, Cipolotti L, Coulthard L, Cruz-Jentoft AJ, Cveljo M, Mendonça A de, Demonet JF, Diehl-Schmid J, Dubois D, Duro B, Engelborghs S, Ewers M, Cardiel AE, Faraza S, Frisoni GB, Funkiewiez A, Gabelle A, **Gabryelewicz T**, Garcia-Ribas G, Girtler N, Gravett S, Grimmer T, Guerreiro M, Guiraudie A, Hänninen T, Hansson O, Hort J, Dymphie In de Braek, Isella V, Ivanoiu A, Jelic V, Jessen F, Jones R, Kapaki E, Klöppel S, Anne Koivisto, Kornhuber J, Kramerberger MG, Kustyniuk N, Kilimann I, Lacrampe A, Lazarou J, Lebouvier T, Lleó A, Mananes V, Mecocci P, Mummery C, Newson M, Nobili F, Ntanasi E, Ousset PJ, Paraskevas G, Pasquier F, Pernecky R, Peters O, Piazza F, Pigliatile M, Planche V, Quenon L, Richter -Schmidinger T, Riepe M, Riverol M, Sala-Matavera I, Salmon E, Fernandez AS, Sanchez E, Sanchez-Valle R, Santana I, Scarmeas N, Schild AK, Sesok S, Soyninen H, Spielmann-Benson G, Spuru L, Tideman P, Tsantzali J, Vandenberghe R, Verhey F, Vogel A, Vyhnalek M, Gunhild W, Delbeuck X, Zalonis I. Feasibility of a standard cognitive assessment in European academic memory clinics. *Alzheimers Dement* 2023 Jun;19(6):2276-2286.

doi.org/10.1002/alz.12830. doi.org/10.1002/alz.12830. Praca oryginalna. IF<sub>2022</sub>=14; IF<sub>5Y</sub>=18; Q1; 200 pkt.

31. Gruba N, **Piwkowska A**, Lesner A. Initial study of the detection of ADAM 10 in the urine of type-2 diabetic patients. *Bioorg Chem.* 2023 Nov;140:106826. doi: 10.1016/j.bioorg.2023.106826. Praca oryginalna, open access. IF<sub>2022</sub>=5.1; IF<sub>5Y</sub>=5.3; Q1; 140 pkt.
32. Gudi V, **Grieb P**, Linker RA, Skripuletz T. CDP-choline to promote remyelination in multiple sclerosis: the need for a clinical trial. *Neur Reg Res.* 2023;18 (12):2599-2605. doi: 10.4103/1673-5374.373671. Praca oryginalna, open access. IF<sub>2022</sub>=6.1; IF<sub>5Y</sub>=5.1; Q1; 70 pkt.
33. Gutowska K, Czajkowski K, **Kuryłowicz A**. Receptor for the advanced glycation end products (RAGE) pathway in adipose tissue metabolism. *Int J Mol Sci.* 2023;24:10982. doi:10.3390/ijms241310982. Praca przeglądowa, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
34. Gutowska K, Koźniewski K, Wąsowski M, Jonas MJ, Bartoszewicz Z, Lisik W, **Jonas M**, Binda A, Jaworski P, Tarnowski W, Noszczyk B, **Puzianowska-Kuźnicka M**, Czajkowski K, **Kuryłowicz A**. AGER-1 long non-coding RNA levels correlate with the expression of AGER, a regulator of the inflammatory response in visceral adipose tissue of women with obesity and diabetes mellitus. *Int J Mol Sci.* 2023;24:17447. doi: 10.3390/ijms242417447. Praca oryginalna, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
35. Haberka M, Jankowski P, **Kosior DA**, Szpakowicz M, Szóstak-Janiak K, Koziół P, Krzykwa A, Łapińska M, Setny M, Kamiński K, Kubica A, Bacquer D, Backer G, Kotseva K, Wood D, Pająk A, Czarnecka D, Gąsior Z. Treatment goal attainment for secondary prevention in coronary patients with or without diabetes mellitus - Polish multicenter study POLASPIRE. *Arch Med Sci.* 2023; 19 (2): 305-312. doi.org/10.5114/aoms.2020.92558. Praca oryginalna, open access. IF<sub>2022</sub>=3.9; IF<sub>5Y</sub>=3.8; Q2; 100 pkt.
36. Hintze B, **Barczak A**, Krempa-Kowalewska A, Lankiewicz-Serafin M, Modrzyńska A, Szadurska J, **Kosior DA**, **Dorobek M**. Stress and anxiety levels and factors affecting coping mechanisms in patients hospitalized with COVID-19. Poziom stresu i lęku a czynniki wpływające na radzenie sobie z nim u pacjentów hospitalizowanych z Covid-19. *Psychiatr Psychol Klin* 2023, 23 (3): 141-148. doi: 10.15557/PIPK.2023.0019. Praca oryginalna, open access. IF<sub>2022</sub>=0.4; IF<sub>5Y</sub>=0.4; Q-brak; 140 pkt.
37. Honetschlägerová Z, **Sadowski J**, **Kompanowska-Jezierska E**, Maxová H, Táborský M, Kujal P, Červenka L. Impaired renal autoregulation and pressure-natriuresis: any role in the development of heart failure in normotensive and angiotensin II-dependent hypertensive rats? *Hypertension Res.* 2023; 46(10): 2340-2355. doi: 10.1038/s41440-023-01401-z. Praca oryginalna, open access. IF<sub>2022</sub>=5.4; IF<sub>5Y</sub>=4.8; Q1; 100 pkt.
38. Jain P, Miller-Fleming T, Topaloudi A, Yu D, Drineas P, Georgitsi M, Yang Z, Rizzo R, Müller-Vahl KR, Tümer Z, Mol Debes N, Hartmann A, Depienne C, Worbe Y, Mir P, Cath DC, Boomsma DI, Roessner V, Wolanczyk T, Janik P, Szejko N, **Zekanowski C**, Barta C, Nemoda Z, Tarnok Z, Buxbaum JD, Grice D, Glennon J, Stefansson H, Hengerer B, Benaroya-Milshtein N, Cardona F, Hedderly T, Heyman I, Huyser C, Morer A, Mueller N, Munchau A, Plessen KJ, Porcelli C, Walitza S, Schrag A, Martino D. Psychiatric Genomics Consortium Tourette Syndrome Working Group (PGC-TS); EMTICS collaborative group; Dietrich A; TS-EUROTRAIN Network; Mathews CA, Scharf JM, Hoekstra PJ, Davis LK, Paschou P. - Polygenic risk score-based phenome-wide association study identifies novel associations for Tourette syndrome. *Transl Psychiatry.* 2023 Feb 23;13(1):69. doi: 10.1038/s41398-023-02341-5. Publikacja oryginalna, open access. IF<sub>2022</sub>=6.8; IF<sub>5Y</sub>=7.0; Q1; 140 pkt.
39. Jain PR, Burch M, Martinez M, Mir P, **Fichna JP**, **Zekanowski C**, Rizzo R, Tümer Z, Barta C, Yannaki E, Stamatoyannopoulos J, Drineas P, Paschou P. Can polygenic risk scores help explain disease prevalence differences around the world? A worldwide investigation. *BMC Genom Data.*



- 2023 Nov 20;24(1):70. doi: 10.1186/s12863-023-01168-9. Publikacja oryginalna; open access. IF<sub>2022</sub>=1.9; IF<sub>5Y</sub>= 1.9; Q4; 40 pkt.
40. **Jampolska M, Andrzejewski K, Boguszewski PM, Kaczyńska K\***. L-DOPA improves ventilation but not the ventilatory response to hypercapnia in a reserpine model of Parkinson's disease. *Brain Sci.* 2023 May 8;13(5):775. doi: 10.3390/brainsci13050775. Praca oryginalna, open access. IF<sub>2022</sub>=3.3; IF<sub>5Y</sub>=3.4; Q3; 100 pkt.
41. **Janowska J, Gargas J, Sypecka J\***. Pearls and pitfalls of isolating rat OPCs for in vitro culture with different methods. *Cell Mol Neurobiol.* 2023; 43: 3705–3722. doi: 10.1007/s10571-023-01380-2. Praca oryginalna, open access. IF<sub>2022</sub>=4.0; IF<sub>5Y</sub>=4.3; Q2; 100 pkt.
42. **Jurczak P\***, Lach S. Hydrogels as scaffolds in bone related tissue engineering and regeneration. *Macromol Biosci.* 2023 Jun 5:e2300152. doi: 10.1002/mabi.202300152. Praca przeglądowa, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.5; Q1; 100 pkt.
43. Jurkiewicz M, **Szczepaniak A**, Zielińska M. Long non-coding RNAs - SNHG6 emerge as potential marker in colorectal cancer. *Biochim Biophys Acta Rev Cancer.* 2024; 1879(1):18956. Available online 16 December 2023. doi: 10.1016/j.bbcan.2023.189056. Praca przeglądowa, open access. IF<sub>2022</sub>=11.2; IF<sub>5Y</sub>=11.5; Q1; 200 pkt.
44. **Kaczyńska K\*, Jampolska M, Wojciechowski P, Sulejczak D, Andrzejewski K, Zając D.** Potential of lactoferrin in the treatment of lung diseases. *Pharmaceuticals (Basel).* 2023 Jan 28;16(2):192. doi: 10.3390/ph16020192. Praca przeglądowa, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.9; Q2; 140 pkt.
45. Kala P, Gawrys O, Miklovič M, Vaňourková Z, Škaroupková P, Jichová S, **Sadowski J, Kompanowska-Jeziarska E, Walkowska A, Veselka J, Táborský M, Maxová H, Vaněčková I, Červenka L.** Endothelin type A receptor blockade attenuates aorto-caval fistula-induced heart failure in rats with angiotensin II-dependent hypertension. *J Hypertension* 2023; 41(1): 99-114. doi: 10.1097/HJH.0000000000003307. Praca oryginalna, open access. IF<sub>2022</sub>=4.9; IF<sub>5Y</sub>=4.8; Q2; 100 pkt.
46. Kapłon-Cieślicka A, Benson L, Chioncel O, Crespo-Leiro MG, Coats AJS, Anker SD, Ruschitzka F, Hage C, Drożdż J, Seferovic P, Rosano GMC, Piepoli M, Mebazaa A, McDonagh T, Lainscak M, Savarese G, Ferrari R, Mullens W, Bayes-Genis A, Maggioni AP, Lund LH; on behalf of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC) and the ESC Heart Failure Long-Term Registry Investigators. Hyponatraemia and changes in natraemia during hospitalization for acute heart failure and associations with in-hospital and long-term outcomes - from the esc-hfa eor heart failure long-term registry. *Eur J Heart Fail.* 2023 Sep;25(9):1571-1583. doi: 10.1002/ejhf.2873. (**Pawlak A**) Praca oryginalna, open access. IF<sub>2022</sub>=18.2; IF<sub>5Y</sub>=16.2; Q1; 200 pkt.
47. Kasarek K\*, Seta M, **Sulejczak D**, Snarski E, Cudnoch-Jędrzejewska A. Effect of hematopoietic stem cell transplantation and post transplantation cyclophosphamide on the microglia phenotype in rats with experimental allergic encephalomyelitis. *Arch Immunol Ther Exp.* 2023;71:10. doi: 10.1007/s00005-023-00675-y. Praca oryginalna, open access. IF<sub>2022</sub>=3.2; IF<sub>5Y</sub>=3.9; Q3; 140 pkt.
48. Kober P, Mossakowska B, Rusetska N, Baluszek S, Grecka E, Konopiński R, **Matyja E**, Oziębło A, Mandat T, Bujko M. Epigenetic downregulation of Hsa-miR-193b-3p increases cyclin D1 expression level and cell proliferation in human meningiomas. *Int J Mol Sci.* 2023 Aug 30;24(17):13483. doi: 10.3390/ijms241713483. Praca oryginalna, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
49. **Kołodziej-Wojnar P, Borkowska J, Domaszewska-Szostek A, Bujanowska O**, Noszczyk B, Krześniak N, Stańczyk M, **Puzianowska-Kuznicka M.** Ten-eleven translocation 1 and 2 enzymes affect human skin fibroblasts in an age-related manner. *Biomedicines* 2023;11:1659. doi: 10.3390/biomedicines11061659. Praca oryginalna, open access. IF<sub>2022</sub>=4.7; IF<sub>5Y</sub>=4.9; Q1; 100 pkt.

50. Konop M\*, Rybka M, Szudzik M, Mazurek M, Laskowska AK, **Sulejczak D**, Ruszczak Z, Mazgaj R, Cieřlik B, Schwartz RA, Samborowska E, Frankowski J, Waszkowski A, Konopelski P, Czuwara J. Keratin-butyrate scaffolds promote skin wound healing in diabetic rats through down-regulation of IL-1 $\beta$  and up-regulation of keratins 16 and 17. *J Nat Fib*. Epub October 2022; 2023; 20(1); doi:10.1080/15440478.2022.2136325. Praca oryginalna, open access. **IF<sub>2022</sub>=3.5; IF<sub>5Y</sub>=3.7; Q1; 140 pkt.**
51. **Kosson P, Dyniewicz J, Lipiński PFJ, Matalińska J, Misicka A**, Bojarski AJ, Mordalski S\*. Gai-derived peptide binds the  $\mu$ -opioid receptor. *Pharmacol Rep*. 2023 Apr;75(2):465-473. doi: 10.1007/s43440-023-00457-5. Short communication. Praca oryginalna, short communication, dostęp open-access. **IF<sub>2022</sub>=4.4; IF<sub>5Y</sub>=3.5; Q2; 140 pkt.**
52. Kryczka T<sup>^</sup>, Jedynek A<sup>^</sup>, Olszewski A, Sierpinska L, Kuzniarska P, **Sulejczak D**. Military blood service in Poland. *J Blood Med*. 2023;14 309–316. doi: 10.2147/JBM.S390673. Praca oryginalna, open access. **IF<sub>2022</sub>=2.0; IF<sub>5Y</sub>=2.2; Q-brak; 100 pkt.**
53. Kubica J, Adamski P, Gajda R, Gařior M, Gierlotka M, **Gil R**, Jaguszewski M, Kubica A, Kuliczowski W, Kurek K, Ładny JR, Michalski P, Navarese EP, Niezgoda P, Ostrowska M, Tycińska A. Andexanet alfa — recommendations for clinical use. Multidisciplinary experts' standpoint. *Cardiol J*. 2023;30 (4):502-505. doi: 10.5603/CJ.a2023.0043. Praca oryginalna, open access. **IF<sub>2022</sub>=2.9; IF<sub>5Y</sub>=2.5; Q3; 100 pkt.**
54. **Kulesza T, Typiak M, Rachubik P, Rogacka D, Audzeyenka I, Saleem MA, Piwkowska A**. Pit 1 transporter (SLC20A1) as a key factor in the NPP1-mediated inhibition of insulin signaling in human podocytes. *J Cell Physiol*. 2023 Jun 3;238(8):1921-1936. doi: 10.1002/jcp.31051. Praca oryginalna, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=5.9; Q1; 100 pkt.**
55. **Kuryłowicz A**. Estrogens in adipose tissue physiology and obesity-related dysfunction. *Biomedicines*. 2023;11:690. doi:10.3390/biomedicines11030690. Praca przeglądowna, open access **IF<sub>2022</sub>=4.7; IF<sub>5Y</sub>=4.9; Q1; 100 pkt.**
56. Latosińska JN, Latosińska M, Seliger J, Žagar V, Apih T, **Grieb P**. Elucidating the role of noncovalent interactions in favipiravir, a drug active against various human rna viruses; a <sup>1</sup>H-<sup>14</sup>N NQDR/periodic DFT/QTAIM/RDS/3D hirshfeld surfaces combined study. *Molecules* 2023;28(8):3308. doi: 10.3390/molecules28083308. Praca oryginalna, open access. **IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.9; Q2; 140 pkt.**
57. Lewandowski K, Kaniewska M, Więcek M, Szwarc P, Panufnik P, Tulewicz-Marti E, Walicka M, **Franek E**, Rydzewska G. Risk factors for osteoporosis among patients with inflammatory bowel disease - Do we already know everything? *Nutrients*. 2023;15:1151. doi: 10.3390/nu15051151. Praca oryginalna, open access. **IF<sub>2022</sub>=5.9; IF<sub>5Y</sub>=6.6; Q1; 140 pkt.**
58. **Lewczuk A, Boratyńska-Jasińska A, Zabłocka B**. Validation of the reference genes for expression analysis in the hippocampus after transient ischemia/reperfusion injury in gerbil brain. *Int J Mol Sci*. 2023 Feb 1;24(3):2756. doi: 10.3390/ijms24032756. Praca oryginalna, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
59. **Lipiński PFJ**, Dobrowolski JCz, Baraniak A. Quantitative chirality in the binding of androgens to their receptor. *Acta Pol Pharm Drug Res*. **2022**; 79; 827-834. doi: 10.32383/appdr/161082. (Received 3 January 2023, Received in revised form 29 January 2023, Accepted 9 February 2023) Praca oryginalna, open-access. **IF<sub>2022</sub>=0.4; IF<sub>5Y</sub>=0.5; Q4; 100 pkt.**
60. **Lipiński PFJ, Matalińska J**. NK1 receptor binding of a few low molecular weight 3,5-bistrifluoromethylbenzene derivatives. *Acta Pol Pharm*. 2023; 80:363-372. doi: 10.32383/appdr/163051. Praca oryginalna, open-access. **IF<sub>2022</sub>=0.4; IF<sub>5Y</sub>=0.5; Q4; 140pkt.**
61. Machelak W, **Szczepaniak A**, Jacenik D, Zielińska M. The role of GDF11 during inflammation - An overview. *Life Sciences*. 2023 Jun 1;322:121650. doi: 10.1016/j.lfs.2023.121650. Epub 2023 Apr 1. Praca przeglądowna, open access. **IF<sub>2022</sub>=6.1; IF<sub>5Y</sub>=5.8; Q1; 70 pkt.**
62. Maciag M\*, Plazinski W, **Pulawski W, Kolinski M**, Jozwiak K, Plazinska A\*. A comprehensive pharmacological analysis of fenoterol and its derivatives to unravel the role of  $\beta$ 2-adrenergic

receptor in zebrafish. *Biomedicine & Pharmacotherapy* 2023; 160: 114355. doi: 10.1016/j.biopha.2023.114355. Praca oryginalna, open access. **IF<sub>2022</sub>=7.5; IF<sub>5Y</sub>=6.8; Q1; 140 pkt.**

63. Masłowska K<sup>^</sup>, **Redkiewicz P<sup>^</sup>**, Halik PK<sup>^</sup>, Witkowska E, Tymecka D, Walczak R, Choiński J, **Misicka A**, Gniazdowska E\*. Scandium-44 radiolabeled peptide and peptidomimetic conjugates targeting neuropilin-1 co-receptor as potential tools for cancer diagnosis and anti-angiogenic therapy. *Biomedicines* 2023; 11: 564. doi: 10.3390/biomedicines11020564. Praca oryginalna, open-access. **IF<sub>2022</sub>=4.7; IF<sub>5Y</sub>=4.9; Q1; 100 pkt.**
64. **Mikulski T, Górecka M**, Bogdan A, Młynarczyk M, **Ziemia AW**. Psychomotor Performance after 30 h of Sleep Deprivation Combined with Exercise. *Brain Sci.* 2023 Mar 28;13(4):570. doi: 10.3390/brainsci13040570. Praca oryginalna, open acces. **IF<sub>2022</sub>=3.3; IF<sub>5Y</sub>=3.4; Q3; 100 pkt.**
65. Mojzych I, Zawadzka A, **Kaczyńska K, Wojciechowski P, Zając D**, Chotkowski M, Wiktorska K, Maurin JK, Mazur M. A tetrahydroacridine derivative and its conjugate with gold nanoparticles: promising agents for the treatment of Alzheimer's disease. *Phys Chem Chem Phys.* 2023 Jun 28;25(25):16796-16806. doi: 10.1039/d3cp00767g. Praca oryginalna, dostęp płatny. **IF<sub>2022</sub>=3.3; IF<sub>5Y</sub>=3.3; Q2; 100 pkt.**
66. Naama M, Rahamim M, **Zayat V**, Sebban S, Radwan A, Orzech D, Lasry R, Ifrah A, Jaber M, Sabag O, Yassen H, Khatib A, Epsztejn-Litman S, Novoselsky-Persky M, Makedonski K, Deri N, Goldman-Wohl D, Cedar H, Yagel S, Eiges R, Buganim Y\*: Pluripotency-independent induction of human trophoblast stem cells from fibroblasts. *Nat Commun.* 2023 Jun 8;14(1):3359. doi:10.1038/s41467-023-39104-1. Praca oryginalna, open access. **IF<sub>2022</sub>=16.6; IF<sub>5Y</sub>=17.0; Q1; 200 pkt.**
67. Nasrolahi A, Azizidoost S, **Radoszkiewicz K**, Najafi S, Ghaedrahmati F, Sheykhi-Sabzehpoush M, Poodineh J, Hajizadeh M, Anbiyaiee A, Farzaneh M, Fegghi M. Long non-coding RNAs involved in retinoblastoma. *J Cancer Res Clin Oncol.* 2023 Jan;149(1):401-421. doi: 10.1007/s00432-022-04398-z. Praca przeglądowa, open access. **IF<sub>2022</sub>=3.6; IF<sub>5Y</sub>=3.8; Q2; 100 pkt.**
68. Nasrolahi A, Azizidoost S, **Radoszkiewicz K**, Najafi S, Ghaedrahmati F, Anbiyaee O, Khoshnam SE, Farzaneh M, Uddin S. Signaling pathways governing glioma cancer stem cells behavior. *Cell Signal.* 2023 Jan;101:110493. doi: 10.1016/j.cellsig.2022.110493. Praca przeglądowa, open access. **IF<sub>2022</sub>=4.8; IF<sub>5Y</sub>=4.5; Q2; 100 pkt.**
69. Nessler J, Krawczyk K, Leszek P, Rubiś P, Rozentryt P, Gackowski A, **Pawlak A**, Straburzyńska-Migaj E, Jankowska EA, Brzęk A, Piotrowicz E, Mastalerz-Migas A, Windak A, Tomasiak T, Uchmanowicz I, Lelonek M. Expert opinion of the heart failure association of the polish society of cardiology, the college of family physicians in poland, and the polish society of family medicine on the peri discharge management of patients with heart failure. *Kardiol Pol.* 2023;81(7-8):824-844. doi:10.33963/KP.a2023.0163. Praca oryginalna, open access. **IF<sub>2022</sub>=3.3; IF<sub>5Y</sub>=4.0; Q2; 100 pkt.**
70. **Niewiadomski W, Gašiorowska A**, Żyliński M, Karbowniczek A, Cebat J, Stępniewska A. Exaggerated pressor response to static squats in Parkinson's disease (PD) and healthy subjects is likely an individual trait, not influenced by whole body vibration (WBV). *NeuroRehabilitation.* 2023;52(2):289-298. doi: 10.3233/NRE-220234. Praca oryginalna, open access. **IF<sub>2022</sub>=2.0; IF<sub>5Y</sub>=2.5; Q2; 70 pkt.**
71. Nowak B, **Rogujski P**, Guzman R, Walczak P, **Andrzejewska A**, Janowski M. Animal models of focal ischemic stroke: brain size matters. *Front Stroke.* 2023; 2. doi: 10.3389/fstro.2023.1165231. Mini-review, open access. **Brak IF; 5 pkt.**
72. **Orzeł Gajowik K**, Gajowik T, Rówienicz Ł, **Zielińska M**. The Ohm-azing custom-made transendothelial electrical resistance measuring device (and why is it a current sensation?) *Sensors and Actuators: B. Chemical.* 2023; 404: 1 April 2024, 135192 (Available online 27

- December 2023) doi: 10.1016/j.snb.2023.135192. Publikacja oryginalna; open access. **IF<sub>2022</sub>=8.4; IF<sub>5Y</sub>=7.2; Q1; 200 pkt.**
73. **Orzeł-Gajowik K, Milewski K, Zielińska M.** miRNA-ome plasma analysis unveils changes in blood–brain barrier integrity associated with acute liver failure in rats. 2023. *Fluids and Barriers of the CNS*. 2023; 20(1):92 . doi:10.1186/s12987-023-00484-7. Praca oryginalna; open access. **IF<sub>2022</sub>=7.3; IF<sub>5Y</sub>=7.5; Q1; 140 pkt.**
74. Osińska M, Towpik I, Sanchak Y, **Franek E, Śliwczyński A, Walicka M.** Cost of surgical treatment of obesity and its impact on healthcare expense – Nationwide data from a Polish registry. *Int J Environ Res Public Health*. 2023;20:1118. doi: 10.3390/ijerph20021118. Praca oryginalna, open access. **UWAGA: W 2022 IF ZOSTAŁ ZAWIESZONY. Brak IF; 20 pkt.**
75. Ostrowska M, Kasprzak M, Stolarek W, Grzelakowska K, Kryś J, Kubica A, Adamski P, Podhajski P, Navarese EP, Anielska-Michalak E, Matuszewska-Brycht O, Curzytek A, Dudek A, Gromadziński L, Grzelakowski P, Kamiński L, Kleinrok A, Kostkiewicz M, Koziński M, Król P, Kulawik T, Minczew G, Mindykowski M, **Pawlak A**, Prokopczuk J, Skonieczny G, Sobkowicz B, Sowiński S, Stankala S, Szymański P, Wester A, Wilczewski P, Bartuś S, Budaj A, Gajda R, Gaśior M, Gruchała M, Drożdż J, Jaguszewski M, Jankowski P, Legutko J, Lesiak M, Leszek P, Mitkowski P, Nessler J, Tomaszuk-Kazberuk A, Tycińska A, Zdrojewski T, Kaźmierczak J, Kubica J. Comparison of reorganized versus unaltered cardiology departments during the COVID-19 era: A subanalysis of the COV-HF-SIRIO 6 study. *Cardiol J*. 2023;30(3):344-352. doi: 10.5603/CJ.a2023.0002. Praca oryginalna; multicenter study, open access. **IF<sub>2022</sub>=2.9; IF<sub>5Y</sub>=2.5; Q3; 100 pkt.**
76. Ostrowska A, Prejbisz A, Dobrowolski P, Wojciechowska W, Rajzer M, Terlecki M, Krzanowski M, Grodzicki T, Hryniewiecki T, Dąbrowski R, Kreutz R, Januszewicz A; Cor-Cardio Study Investigators (**Kosior DA**). Short and long-term survival in patients hospitalized due to COVID-19 in relation to cardiovascular risk factors and established cardiovascular diseases: the Cor-Cardio Study. *Pol Arch Intern Med*. 2023 Feb 23;16441. doi: 10.20452/pamw.16441. **IF<sub>2022</sub>=4.8; IF<sub>5Y</sub>=3.5; Q1; 200 pkt.**
77. **Palasz E, Wilkaniec A, Stanaszek L, Andrzejewska A, Adamczyk A.** Glia-neurotrophic factor relationships: possible role in pathobiology of neuroinflammation-related brain disorders. *Int J Mol Sci*. 2023 Mar 28;24(7):6321. doi: 10.3390/ijms24076321. Praca przeglądowa, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
78. Paluchowski P, Gulczyński J, Michalski M, Wierzba-Bobrowicz T, **Sulejczak D, Iżycka-Świeszewska E.** "Neuropatologia Polska". The magazine and its topics in the first decade of existence (1963–1972). *Folia Neuropathologica* 2023; 61(4): 337-348. doi: 10.5114/fn.2023.134307. Praca oryginalna, open access. **IF<sub>2022</sub>=2.0; IF<sub>5Y</sub>=2.3; Q3; 140 pkt.**
79. Paulino RP, Alves RB, **Matalińska J, Lipiński PFJ,\* Freitas RP\*.** Synthesis of fentanyl triazole derivatives and their affinity for mu-opioid and sigma-1 receptors. *J Braz Chem Soc*. 2023; 34(10): 1474-1485. doi: 10.21577/0103-5053.20230059. Praca oryginalna, open-access. **IF<sub>2022</sub>=1.4; IF<sub>5Y</sub>=1.7; Q4; 40 pkt.**
80. **Pawlak A, Niedźwiedzka A, Gewartowska M, Przybylski M, Szuldrzyński K.** SARS-CoV-2 and cytomegalovirus coinfection in a patient with myocarditis and severe COVID-19 infection. *Can J Cardiol*. 2023 Jul;39(7):988-989. doi:10.1016/j.cjca.2023.03.022. Epub 2023 Apr 1. Praca oryginalna, open access. **IF<sub>2022</sub>=7.2; IF<sub>5Y</sub>=6.0; Q1; 100 pkt.**
81. **Pawlik M, Czarnecka AM, Kołodziej M, Skowrońska K, Węgrzynowicz M, Podgajna M, Czuczwar SJ, Albrecht J.** Attenuation of initial pilocarpine-induced electrographic seizures by methionine sulfoximine pretreatment tightly correlates with the reduction of extracellular taurine in the hippocampus. *Epilepsia*. 2023 64(5):1390-1402. doi: 10.1111/epi.17554. Praca oryginalna, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.5; Q1; 140 pkt.**
82. Perlińska-Lenart U, Graczyk S, Piłsyk S, **Lenart J, Lipko A, Swiezewska E, Bernat P, Kruszewska JS.** Expression of *saccharomyces cerevisiae* RER2 gene encoding cis-



- prenyltransferase in trichoderma atroviride increases the activity of secretory hydrolases and enhances antimicrobial features. *J Fungi (Basel)*. 2022 Dec 26;9(1):38. doi: 10.3390/jof9010038. Praca oryginalna, open access. **IF<sub>2022</sub>=4.7; IF<sub>5Y</sub>=5.2; Q2; 40 pkt.**
83. Piotrowska-Nowak A, Safranow K, Adamczyk JG, Sołtyszewski I, Cięższyk P, Tońska K, **Żekanowski C**, Borzemska B. Mitochondrial genome variation in Polish elite athletes. *Int J Mol Sci*. 2023 Aug 20;24(16):12992. doi: 10.3390/ijms241612992. Publikacja oryginalna; open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
84. **Puławski W**, Koliński A, **Koliński M\***. Integrative modeling of diverse protein-peptide systems using CABS-dock. *PLOS Comp Biol*. 2023; 19(7): e1011275. doi: 0.1371/journal.pcbi.1011275. Praca oryginalna, open access. **IF<sub>2022</sub>=4.3; IF<sub>5Y</sub>=5.4; Q1; 140 pkt.**
85. **Puzianowska-Kuźnicka M**, **Borkowska J**, **Jonas M**, **Cąkała-Jakimowicz M**. Epigenetyka i jej rola w funkcjonowaniu i starzeniu organizmu. *Stomatologia Współczesna* 2023;4:14-19. Praca przeglądowa, dostęp w subskrypcji. **Brak IF; 20 pkt.**
86. **Rachubik P**, **Rogacka D**, **Audzeyenka I**, **Szrejder M**, Topolewska A, Rychłowski M, **Piwkowska A**. The role of pdk1 and ampk signaling interplay in the regulation of albumin permeability in cultured rat podocytes. *Int J Mol Sci*. 2023 Feb 16;24(4):3952. doi: 10.3390/ijms24043952. Praca oryginalna, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
87. **Rachubik P**, **Rogacka D**, **Audzeyenka I**, **Typiak M**, Wysocka M, **Szrejder M**, Lesner A, **Piwkowska A**. Role of lysosomes in insulin signaling and glucose uptake in cultured rat podocytes. *Biochem Biophys Res Commun*. 2023 Oct 30;679:145-159. doi: 10.1016/j.bbrc.2023.09.012. Praca oryginalna, open access. **IF<sub>2022</sub>=3.1; IF<sub>5Y</sub>=3.2; Q2; 100 pkt.**
88. **Radoszkiewicz K**, Hribljan V, Isakovic J, Mitrecic D, **Sarnowska A**. Critical points for optimizing long-term culture and neural differentiation capacity of rodent and human neural stem cells to facilitate translation into clinical settings. *Exp Neurol*. 2023 May; 363:114353. doi: 10.1016/j.expneurol.2023.114353. Epub 2023 Feb 24. Praca przeglądowa, open access. **IF<sub>2022</sub>=5.3; IF<sub>5Y</sub>=5.1; Q1; 140 pkt.**
89. **Radoszkiewicz K**, Jezierska-Woźniak K, Waśniewski T, **Sarnowska A**. Understanding intra- and inter-species variability in neural stem cells' biology is key to their successful cryopreservation, culture, and propagation. *Cells*. 2023 Feb 2;12(3):488. doi: 10.3390/cells12030488. Praca oryginalna, open access. **IF<sub>2022</sub>=6.0; IF<sub>5Y</sub>=6.7; Q2; 140 pkt.**
90. **Razew A**, Laguri C, Vallet A, Bougault C, **Kaus-Drobek M**, **Sabala I**, Simorre JP. Staphylococcus aureus sacculus mediates activities of M23 hydrolases. *Nat Commun*. 2023 Oct 23;14(1):6706. doi: 10.1038/s41467-023-42506-w. Praca oryginalna, open access. **IF<sub>2022</sub>=16.2; IF<sub>5Y</sub>=17.0; Q1; 200 pkt.**
91. **Redkiewicz P**, **Dyniewicz J**, Witkowska E, Misicka A, **Lipiński PFJ**. The influence of a synthetic growth hormone-releasing hormone analogue G11 and opioid peptide biphalin on selected fibroblasts parameters relevant to wound healing. *J Pep Sci*. 2023; 29: e3487. doi: 10.1002/psc.3487. Praca oryginalna, open access. **IF<sub>2022</sub>=2.1; IF<sub>5Y</sub>=1.8; Q3; 70 pkt.**
92. **Rogacka D**, **Rachubik P**, Audzeyenka I, **Kulesza T**, **Szrejder M**, Myślińska D, **Angielski S**, **Piwkowska A**. Inhibition of phosphodiesterase 5A by tadalafil improves SIRT1 expression and activity in insulin-resistant podocytes. *Cell Signal*. 2023 May;105:110622. doi: 10.1016/j.cellsig.2023.110622. Praca oryginalna, open access. **IF<sub>2022</sub>=4.8; IF<sub>5letni</sub>=4.5; Q2; 100 pkt.**
93. **Rybkowska P**, **Radoszkiewicz K**, **Kawalec M**, Dymkowska D, **Zabłocka B**, **Zabłocki K**, **Sarnowska A**. The metabolic changes between monolayer (2D) and three-dimensional (3D) culture conditions in human mesenchymal stem/stromal cells derived from adipose tissue. *Cells*. 2023 Jan 1;12(1):178. doi: 10.3390/cells12010178. Praca oryginalna, open access. **IF<sub>2022</sub>=6.0; IF<sub>5Y</sub>=6.7; Q2; 140 pkt.**
94. Rzeszutek M, Pięta M, Van Hoy A, Zawistowska M, Grymowicz M, Pięta W, Goloś S, **Walicka M**. Coping profiles, depression, and body image anxiety during the Covid-19 pandemic:

- Comparative analysis of females with thyroid diseases and a non-clinical sample. *PLoS One*. 2023;18:e0282302. doi: 10.1371/journal.pone.0282302. Praca oryginalna, open access. IF<sub>2022</sub>=3.7; IF<sub>5Y</sub>=3.8; Q2; 140 pkt.
95. Sadura-Sieklucka T, **Czerwosz LT**, Kądalska E, Kozuchowski M, Księżopolska-Orłowska K, Targowski T. Is balance training using biofeedback effective in the prophylaxis of falls in women over the age of 65? *Brain Sci*. 2023 Apr 6;13(4):629. doi: 10.3390/brainsci13040629. Praca oryginalna, open access. IF<sub>2022</sub>=3.3; IF<sub>5letni</sub>=3.4; Q3; 100 pkt.
96. Serafin P<sup>^</sup>, Zaremba M<sup>^</sup>, **Sulejczak D**, Kleczkowska P\*. Air pollution: a silent key driver of dementia. *Biomedicines* 2023; 11: 1477. doi:10.3390/biomedicines11051477. Praca przeglądowa, open access. IF<sub>2022</sub>=4.7; IF<sub>5letni</sub>=4.9; Q1; 100 pkt.
97. **Serwach K**, Nurowska E, **Klukowska M**, **Zablocka B**, **Gruszczynska-Biegala J**. STIM2 regulates NMDA receptor endocytosis that is induced by short-term NMDA receptor overactivation in cortical neurons. *Cell Mol Life Sci*. 2023 Nov 21;80(12):368. doi: 10.1007/s00018-023-05028-8. Praca oryginalna, open access. IF<sub>2022</sub>=8.0; IF<sub>5Y</sub>=8.7; Q1; 140 pkt.
98. Sharma A, Fernandes DC, Reis RL, Gołubczyk D, Neumann S, **Lukomska B**, Janowski M, Kortylewski M, Walczak P, Oliveira JM, Maciaczyk J. Cutting-edge advances in modeling the blood-brain barrier and tools for its reversible permeabilization for enhanced drug delivery into the brain. *Cell Biosci*. 2023 Jul 27;13(1):137. doi: 10.1186/s13578-023-01079-3. Praca przeglądowa, open access. IF<sub>2022</sub>=7.5; IF<sub>5Y</sub>=7.9; Q1; 100 pkt.
99. **Sidoryk-Węgrzynowicz M**, **Dąbrowska-Bouta B**, **Sulkowski G**, **Strużyńska L**. Mutant Tau protein-induced abnormalities in the Na<sup>+</sup>-dependent glutamine translocation and recycling and their impact on astrocyte-neuron integrity in vitro. *Neurochem Int*. 2023; 168: 10555. doi: 10.1016/j.neuint.2023.105551. Praca oryginalna, open access. IF<sub>2022</sub>=4.2; IF<sub>5Y</sub>=4.3; Q2; 100 pkt.
100. Sikora H, Gruba N, Wysocka M, **Piwkowska A**, Lesner A. Optimization of fluorescent substrates for ADAM17 and their utility in the detection of diabetes. *Anal Biochem*. 2023 Nov 15;681:115337. doi: 10.1016/j.ab.2023.115337. Praca oryginalna, open access. IF<sub>2022</sub>=2.9; IF<sub>5Y</sub>=3.2; Q2; 100 pkt.
101. **Sitek JD**, **Kuczeriszka M**, **Walkowska A**, **Kompanowska-Jezierska E**, **Dobrowolski L**. Nonselective or A2a-selective inhibition of adenosine receptors modulates renal perfusion and excretion depending on the duration of streptozotocin-induced diabetes in rats. *Pharmaceuticals* 2023;16 (5): 732. doi.org/10.3390/ph16050732. Praca oryginalna, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.9; Q2; 140 pkt.
102. **Sitek JD**, **Kuczeriszka M**, **Walkowska A**, **Dobrowolski L**. Minor age difference substantially affects renal function in conscious and anaesthetized rats. *Anim Sci Pap and Rep*. 2023; 41(4): 393-408. doi: 10.2478/aspr-2023-0019. IF<sub>2022</sub>=1.0; IF<sub>5Y</sub>=1.1; Q3; 100 pkt.
103. Skupień-Jaroszek A, Szczepankiewicz AA, Rysz A, Marchel A, **Matyja E**, Grajkowska W, Wilczyński GM, Dzwonek J. Morphological alterations of the neuronal Golgi apparatus upon seizures. *Neuropathol Appl Neurobiol*. 2023 Oct;49(5):e12940. doi: 10.1111/nan.12940. Praca oryginalna, open access. IF<sub>2022</sub>=5.0; IF<sub>5Y</sub>=6.3; Q1; 140 pkt.
104. **Smolinska A**, **Bzinkowska A**, **Rybkowska P**, **Chodkowska M**, **Sarnowska A**. Promising markers in the context of mesenchymal stem/stromal cells subpopulations with unique properties. *Stem Cells Int*. 2023 Sep 20;2023:1842958. doi: 10.1155/2023/1842958. eCollection 2023. Praca przeglądowa, open access. IF<sub>2022</sub>=4.3; IF<sub>5Y</sub>=4.9; Q2; 100 pkt.
105. **Sokolowska B**. Impact of virtual reality cognitive and motor exercises on brain health. *Int J Environ Res Public Health* 2023; 20(5): 4150. doi:10.3390/ijerph20054150. Praca przeglądowa, open access. Brak IF; 20 pkt.
106. Stępień J, **Pastuszak Ż**. Distal symmetrical polyneuropathy in diabetes mellitus patients: Proposition of a new scoring system based on electroneurography findings. *Adv Clin Exp Med*.

- Epub ahead of print. doi: 10.17219/acem/168504. Praca oryginalna, open-access. IF<sub>2022</sub>=2.1; IF<sub>5Y</sub>=2.2; Q4; 140 pkt.
107. Stępień J, **Pastuszek Ż**. Electroneurological changes in peripheral nerves in patients post-COVID. *J Neurophysiol*. 2023 Feb 1;129(2):392-398. doi: 10.1152/jn.00396.2022. Praca przeglądowa, open access. IF<sub>2022</sub>=2.5; IF<sub>5Y</sub>=2.7; Q3; 70 pkt.
108. Struga, M, Roszkowski P, Bielenica A, Otto-Slusarczyk D, Stepienn K, Stefanska J, Zabost A, Augustynowicz-Kopec E, **Kolinski M**, Kmiecik S, Myslovska A, Wrzosek M, N-acylated ciprofloxacin derivatives: synthesis and In vitro biological evaluation as antibacterial and anticancer agents. *Acs Omega* 2023; 8(21):18663-18684, doi: 10.1021/acsomega.3c00554. Praca oryginalna, open access. IF<sub>2022</sub>=4.1; IF<sub>5Y</sub>=4.0; Q2; 70 pkt.
109. **Strużyńska L**. Dual implications of nanosilver-induced autophagy: nanotoxicity and anti-cancer effects. *Int J Mol Sci*. 2023;24(20):15386. doi: 10.3390/ijms242015386. Praca przeglądowa, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
110. **Sypecka M, Bzinkowska A, Sulejczak D**, Dabrowski F, **Sarnowska A**. Evaluation of the optimal manufacturing protocols and therapeutic properties of mesenchymal stem/stromal cells derived from wharton's jelly. *Int J Mol Sci*. 2023; 24(1): 652. doi:10.3390/ijms24010652. Praca oryginalna, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
111. **Szczepaniak A, Bronisz A, Godlewski J**. Circular RNAs - new kids on the block in cancer pathophysiology and management. *Cells* 2023 Feb 8;12(4):552. doi: 10.3390/cells12040552. Praca przeglądowa, open access. IF<sub>2022</sub>=6.0; IF<sub>5Y</sub>=6.7; Q2; 140 pkt.
112. **Szeliga M**, Rola R. Conoidin A, a covalent inhibitor of peroxiredoxin 2, reduces growth of glioblastoma cells by triggering ROS production. *Cells*. 2023 Jul 26;12(15):1934. doi: 10.3390/cells12151934. Publikacja oryginalna; open access. IF<sub>2022</sub>=6.0; IF<sub>5Y</sub>=6.7; Q2; 140 pkt.
113. **Szrejder M, Typiak M, Pikul P, Audzeyenka I, Rachubik P, Rogacka D, Narajczyk M, Piwkowska A**. Role of L-lactate as an energy substrate in primary rat podocytes under physiological and glucose deprivation conditions. *Eur J Cell Biol*. 2023 Jun;102(2):151298. doi: 10.1016/j.ejcb.2023.151298. Praca oryginalna, open access. IF<sub>2022</sub>=6.6; IF<sub>5Y</sub>=4.8; Q2; 100 pkt.
114. Szulczyk D, Wozinski M, **Kolinski M**, Kmiecik S, Glogowska A, Augustynowicz-Kopec E, Dobrowolski MA, Roszkowski P, Struga M, Ciura K. Menthol- and thymol-based ciprofloxacin derivatives against Mycobacterium tuberculosis: in vitro activity, lipophilicity, and computational studies. *Sci Rep*. 2023; 13(1): 16328. doi: 10.1038/s41598-023-43708-4. Praca oryginalna, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.4; Q2; 140 pkt.
115. Toczyłowska B, Woznica M, **Ziemińska E\***, Krolicki L. Metabolic biomarkers differentiate a surgical intervertebral disc from a nonsurgical intervertebral disc. *Int J Mol Sci*. 2023 Jun 24;24(13):10572. doi: 10.3390/ijms241310572. Praca oryginalna, case report, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
116. Trubicka J, Łastowska M, Karkucińska-Więckowska A, Niemira M, Ejmont M, Sowińska A, Pronicki M, **Matyja E**, Grajkowska W. BCOR expression in pediatric pineoblastoma. *Folia Neuropathol*. 2023; 61(2):121-128. doi:10.5114/fn.2023.129377. Praca oryginalna, open access. IF<sub>2022</sub>=2.0; IF<sub>5Y</sub>=2.3; Q3; 140 pkt.
117. Tsetsos F, Topaloudi A, Jain P, Yang Z, Yu D, Kolovos P, Tumer Z, Rizzo R, Hartmann A, Depienne C, Worbe Y, Müller-Vahl KR, Cath DC, Boomsma DI, Wolanczyk T, **Zekanowski C**, Barta C, Nemoda Z, Tarnok Z, Padmanabhuni SS, Buxbaum JD, Grice D, Glennon J, Stefansson H, Hengerer B, Yannaki E, Stamatoyannopoulos JA, Benaroya-Milshtein N, Cardona F, Hedderly T, Heyman I, Huyser C, Mir P, Morer A, Mueller N, Munchau A, Plessen KJ, Porcelli C, Roessner V, Walitza S, Schrag A, Martino D; PGC TS Working Group; TSAICG; TSGeneSEE Initiative [**Fichna JP**]; EMTICS Collaborative Group; TS-EUROTRAIN Network; TIC Genetics Collaborative Group; Tischfield JA, Heiman GA, Willsey AJ, Dietrich A, Davis LK, Crowley JJ, Mathews CA, Scharf JM, Georgitsi M, Hoekstra PJ, Paschou P. Genome-wide association study points to novel locus for Gilles de la Tourette syndrome. *Biol Psychiatry*. 2023 Feb 2:S0006-

- 3223(23)00051-3. doi: 10.1016/j.biopsych.2023.01.023. Publikacja oryginalna; open access. IF<sub>2022</sub>=10.6; IF<sub>5Y</sub>=11.9; Q1; 200 pkt.
118. Vieira S, **Strymecka P**, **Stanaszek L**, Silva-Correia J, Drela K, Fiedorowicz M, Malysz-Cymborska I, Janowski M, Reis RL, **Lukomska B**, Walczak P, Oliveira JM. Mn-based methacrylated gellan gum hydrogels for MRI-guided cell delivery and imaging. *Bioengineering* 2023; 10(4): 427. doi: 10.3390/bioengineering10040427. Praca oryginalna, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=brak; Q2; 20 pkt.
119. Vivacqua G, Mason M, De Bartolo MI, **Węgrzynowicz M**, Calò L, Belvisi D, Suppa A, Fabbrini G, Berardelli A, Spillantini M. Salivary  $\alpha$ -synuclein RT-QulC correlates with disease severity in de novo Parkinson's disease. *Mov Disord.* 2023; 38(1):153-155. doi: 10.1002/mds.29246. Letters: New Observations, open access. IF<sub>2022</sub>=8.6; IF<sub>5Y</sub>=9.5; Q1; 140 pkt.
120. Want A, Staniak K, Wioleta Grabowska-Pyrzewicz W, Fesiuk A, **Barczak A**, **Gabryelewicz T**, Kulczyńska-Przybik A, Mroczko B, Wojda U. Optimized RT-qPCR and a novel normalization method for validating circulating miRNA biomarkers in ageing-related diseases. *Sci Rep.* 2023;13:20869. doi: 10.1038/s41598-023-47971-3. Praca oryginalna, open access. IF<sub>2022</sub>=4.6; IF<sub>5Y</sub>=4.9; Q2; 140 pkt.
121. Wasiak M, Tajstra T, **Kosior D**, Gašior M. An implantable cardioverter-defibrillator for primary prevention in non-ischemic cardiomyopathy: A systematic review and meta-analysis. *Cardiol J.* 2023; 30(1): 117–124. doi: 10.5603/CJ.2021.0041. Praca oryginalna, open access. IF<sub>2022</sub>=3.0; IF<sub>5Y</sub>=2.5; Q3; 100 pkt.
122. **Wasilewska I**, Majewski Ł, Adamek-Urbańska D, Mondal SS, Baranykova S, Gupta RK, Bielecki D, Winata CL, Kuznicki J. Lack of Stim2 affects vision-dependent behavior and sensitivity to hypoxia. *Zebrafish.* 2023 Aug;20(4):146-159. doi: 10.1089/zeb.2022.0068. Praca oryginalna, dostęp płatny. IF<sub>2022</sub>=2.0; IF<sub>5Y</sub>=2.3; Q1; 100 pkt.
123. **Wencel PL**, Blecharz-Klin K, Piechal A, Pyrzanowska J, Mirowska-Guzel D, **Strosznajder RP**. Fingolimod modulates the gene expression of proteins engaged in inflammation and amyloid-beta metabolism and improves exploratory and anxiety-like behavior in obese mice. *Neurotherapeutics.* 2023 Sep;20(5):1388-1404. doi: 10.1007/s13311-023-01403-2. Praca oryginalna, open-access. IF<sub>2022</sub>=5.7; IF<sub>5Y</sub>=7.5; Q1; 140 pkt.
124. **Wężyk M**, **Berdyński M**, **Figarski A**, Skrzypczak M, Ginalski K, Zboch M, Winkel I, **Żekanowski C**. Rare A360T mutation alters GSK3 $\beta$ (Ser9) binding in the cytosolic loop of presenilin 1, influencing  $\beta$ -catenin nuclear localization and pro-death gene expression in Alzheimer's disease case. *Int J Mol Sci.* 2023 Nov 30;24(23):16999. doi: 10.3390/ijms242316999. Case report, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.
125. **Wieczorek I**, **Strosznajder RP**. Recent insight into the role of sphingosine-1-phosphate lyase in neurodegeneration. *Int J Mol Sci.* 2023 Mar 24;24(7):6180. doi: 10.3390/ijms24076180. Praca przeglądowa, open access. IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q=1; 140 pkt.
126. Witoszka K, **Matalińska J**, **Misicka A**, **Lipiński PFJ**. \* Moving out of the CF3-land: synthesis, receptor affinity and in silico studies of NK1-receptor ligands containing pentafluorosulfanyl (SF5) group. *Chem Med Chem.* 2023;18: e202300315. doi: 10.1002/cmdc.202300315. Praca oryginalna, open access. IF<sub>2022</sub>=3.4; IF<sub>5Y</sub>=3.3; Q2; 100 pkt.
127. Wojtyś W, **Oroń M**. How driver oncogenes shape and are shaped by alternative splicing mechanisms in tumors. *Cancers (Basel).* 2023;15(11):2918. doi: 10.3390/cancers15112918. Praca przeglądowa, open access. IF<sub>2022</sub>=5.2; IF<sub>5Y</sub>=5.6; Q2; 200 pkt.
128. Woźniak M, Dziedzic TA, Gotlib T, Góralaska M, Maksymowicz M, **Matyja E**. Collision sellar lesion: coexistence of growth hormone-secreting pituitary neuroendocrine tumor and pituitaryoma. *Pol Arch Intern Med.* 2023 Nov 6:16599. doi: 10.20452/pamw.16599. Praca oryginalna, open access. IF<sub>2022</sub>=4.8; IF<sub>5Y</sub>=3.5; Q2; 200 pkt.



129. **Zajac D\*, Wojciechowski P.** The role of vitamins in the pathogenesis of asthma. *Int J Mol Sci.* 2023 May 10;24(10):8574. doi: 10.3390/ijms24108574. Praca przeglądowa, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
130. **Zajdel K, Bartczak D, Frontczak-Baniewicz M, Ramsay DA, Kowalik P, Sobczak K, Kamińska I, Wojciechowski T, Minikayev R, Goenaga-Infante H, Sikora B.** Nano-bio interactions of upconversion nanoparticles at subcellular level: biodistribution and cytotoxicity. *Nanomedicine (Lond).* 2023 Feb;18(3):233-258. doi:10.2217/nnm-2022-0320. Epub 2023 Apr 20. Praca oryginalna, dostęp płatny. **IF<sub>2022</sub>=5.5; IF<sub>5Y</sub>=5,7; Q1; 100 pkt.**
131. **Zajdel K, Janowska J, Frontczak-Baniewicz M, Sypecka J, Sikora B.** Upconverting nanoparticles as a new bio-imaging strategy-investigating intracellular trafficking of endogenous processes in neural tissue. *Int J Mol Sci.* 2023 Jan 6;24(2):1122. doi: 10.3390/ijms24021122. Praca oryginalna, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6.2; Q1; 140 pkt.**
132. **Zaleska MT, Krześniak NE.** Lymphatic vessels insufficiency and focal edema in early stages noncancer-related lymphedema". *Lymphat Res Biol.* 2023; 21(6):585-593. doi: 10.1089/lrb.2023.0008. Online ahead of print. Praca oryginalna, dostęp płatny. **IF<sub>2022</sub>=1.4; IF<sub>5Y</sub>=2.0; Q4; 70 pkt.**
133. **Zalewska T, Pawelec P, Ziabska K, Ziemka-Nalecz M.** Sexual dimorphism in neurodegenerative diseases and in brain ischemia. *Biomolecules.* 2022 Dec 22;13(1):26. doi: 10.3390/biom13010026. Praca przeglądowa, open access, wiodące autorstwo. **IF<sub>2022</sub>=5.5; IF<sub>5Y</sub>=5.8; Q1; 140 pkt.**
134. **Zayat V, Kuczyńska Z, Liput M, Metin E, Rzonca-Niewczas S, Smyk M, Mazurczak T, Goszczanska-Ciuchta A, Leszczynski P, Hoffman-Zacharska D, Buzanska L\*:** The generation of human iPSC lines from three individuals with dravet syndrome and characterization of neural differentiation markers in iPSC-derived ventral forebrain organoid model. *Cells.* 2023 Jan 16;12(2):339. doi:10.3390/cells12020339. Praca oryginalna, open access. **IF<sub>2022</sub>=6.0; IF<sub>5Y</sub>=6.7; Q2; 140 pkt.**
135. **Ziemka-Nałęcz M, Pawelec P, Ziabska K, Zalewska T.** Sex differences in brain disorders. *Int J Mol Sci.* 2023; 24(19): 14571. doi:10.3390/ijms241914571. Praca przeglądowa, open access. **IF<sub>2022</sub>=5.6; IF<sub>5Y</sub>=6,2; Q1; 140 pkt.**
136. **Żulińska S, Strosznajder AK, Strosznajder JB.** The role of synthetic ligand of PPAR $\alpha$  in regulation of transcription of genes related to mitochondria biogenesis and dynamic in an animal model of Alzheimer's disease. *Folia Neuropathol.* 2023;61(2):138-143. doi: 10.5114/fn.2023.129195. Praca oryginalna, open access. **IF<sub>2022</sub>=2.0; IF<sub>5Y</sub>=2.3; Q3; 140 pkt.**