**Publikacje – 2022 rok**

***Artykuły naukowe opublikowane w czasopismach z „listy filadelfijskiej”:***

1. Apanasewicz A., Danel D.P., Piosek M., Wychowaniec P., Babiszewska-Aksamit M., Ziomkiewicz A.: Maternal childhood trauma is associated with offspring body size during the first year of life. *Sci Rep*, 2022, 12(1): 19619, **IF 4,6 (140 pkt MEiN)**
2. Balaky S.T.J., Saniotis A., Mawlood A.H., Husain A.M., Shabila N.P.: Incidence and Geographical Distribution of Tuberculosis Disease in Erbil City. *Brazilian Journal of Microbiology*, 2022, 53(2): 519-523, **IF 2,2 (70 pkt MEiN)**
3. Balon K., Sheriff A., Jacków J., Łaczmański Ł.: Targeting Cancer with CRISPR/Cas9-Based Therapy. *Int J Mol Sci*, 2022, 23(1): 573, **IF 5,6 (140 pkt MEiN)**
4. Bar J.K., Kowalczyk T., Grelewski P.G., Stamnitz S., Paprocka M., Lis J., Lis-Nawara A., An S., Klimczak A.: Characterization of Biological Properties of Dental Pulp Stem Cells Grown on an Electrospun Poly(L-lactide-co-caprolactone) Scaffold. *Materials*, 2022, 15(5): 1900, **IF 3,4 (140 pkt MEiN)**
5. Bar K., Żebrowska P., Łaczmański Ł., Sozańska B.: Airway Bacterial Biodiversity in Exhaled Breath Condensates of Asthmatic Children—Does It Differ from the Healthy Ones? *Journal of Clinical Medicine*, 2022, 11(22): 6774, **IF 3,9 (140 pkt MEiN)**
6. Bednarik R.G., Saniotis A., Henneberg M.: Auto-domestication hypothesis and the rise in mental disorders in modern humans. *Medical Hypotheses*, 2022, 164: 110874, **IF 4,7 (40 pkt MEiN)**
7. Berbeć E., Migdał P., Cebrat M., Roman A., Murawska A.: Honeybee age and inoculum concentration as factors affecting the development of *Nosema ceranae* infection. *European Zoological Journal*, 2022: 1180-1190, **IF 1,8 (140 pkt MEiN)**
8. Bereźnicka A., Mikołajczyk K., Czerwiński M., Kaczmarek R.: Microbial lectome versus host glycolipidome: How pathogens exploit glycosphingolipids to invade, dupe or kill. *Front Microbiol*, 2022, 13: 958653, **IF 5,2 (100 pkt MEiN)**
9. Biały S., Iwaszko M., Świerkot J., Bugaj B., Kolossa K., Jeka S., Bogunia-Kubik K.: Th2 cytokines (Interleukin-5 and -9) polymorphism affects the response to anti-TNF treatment in Polish patients with ankylosing spondylitis. *International Journal of Molecular Sciences*, 2022, 23(21): 13177, **IF 5,6 (140 pkt MEiN)**
10. Biernacki K., Ciupak O., Daśko M., Rachon J., Kozak W., Rak J., Kubiński K., Masłyk M., Martyna A., Śliwka-Kaszyńska M., Wietrzyk J., Świtalska M., Nocentini A., Supuran C.T., Demkowicz S.: Development of Sulfamoylated 4-(1-Phenyl-1H-1,2,3-triazol-4-yl)phenol Derivatives as Potent Steroid Sulfatase Inhibitors for Efficient Treatment of Breast Cancer. *J Med Chem*, 2022, 65(6): 5044–5056, **IF 7,3 (200 pkt MEiN)**
11. Błaziak M., Urban S., Wietrzyk W., Jura M., Iwanek G., Stańczykiewicz B., Kuliczkowski W., Zymliński R., Pondel M., Berka P., Danel D., Biegus J., Siennicka A.: An Artificial Intelligence Approach to Guiding the Management of Heart Failure Patients Using Predictive Models: A Systematic Review. *Biomedicines*, 2022, 10: 2188, **IF 4,7 (100 pkt MEiN)**
12. Bojarska J., Breza M., Remko M., Czyż M., Gajos-Michniewicz A., Zimecki M., Kaczmarek K., Madura I.D., Wojciechowski J.M., Wolf W.M.: Structural and Biofunctional Insights into the Cyclo(Pro-Pro-Phe-Phe-) Scaffold from Experimental and *In Silico* Studies: Melanoma and Beyond. *International Journal of Molecular Sciences*, 2022, 23: 7173, **IF 5,6 (140 pkt MEiN)**
13. Brankiewicz W., Okonska J., Serbakowska K., Lica J., Drab M., Ptaszynska N., Łęgowska A., Rolka K., Szweda P.: New Peptide Based Fluconazole Conjugates with Expanded Molecular Targets. *Pharmaceutics*, 2022, 14: 693, **IF 5,4 (100 pkt MEiN)**
14. Brisch R., Wojtylak S., Saniotis A., Steiner J., Gos T., Kumaratilake J., Hanneberg M., Wolf R.: The role of microglia in neuropsychiatric disorders and suicide. *European Archives of Psychiatry and Clinical Neuroscience*, 2022, 272(6): 929-945, **IF 4,7 (100 pkt MEiN)**
15. Brzozowska E., Deshmukh S.: Integrin Alpha v Beta 6 (αvβ6) and Its Implications in Cancer Treatment. *International Journal of Molecular Sciences*, 2022, 23(20): 12346, **IF 5,6 (140 pkt MEiN)**
16. Budziar W., Gembara K., Harhala M., Szymczak A., Jędruchniewicz N., Baniecki K., Pikies A., Nahorecki A., Hoffman A., Kardaś A., Szawczyk-Dąbrowska A., Klimek T., Kaźmierczak Z., Witkiewicz W., Barczyk K., Dąbrowska K.: Hidden fraction of Polish population immune to SARS-CoV-2 in May 2021. *PLoS One*, 2022, 17(2): e0253638, **IF 3,7 (100 pkt MEiN)**
17. Bugaj B., Wielińska J., Świerkot J., Bogunia-Kubik K., Górna K.: VDR Polymorphic Variants Are Related to Improvements in CRP and Disease Activity in Patients with Axial Spondyloarthritis That Undergo Anti-TNF Treatment. *Genes*, 2022, 13: 1873, **IF 3,5 (100 pkt MEiN)**
18. Bugaj B., Wielińska J., Bogunia-Kubik K., Świerkot J.: Searching for New Genetic Biomarkers of Axial Spondyloarthritis. *Journal of Clinical Medicine*, 2022, 11: 2912, **IF 3,9 (140 pkt MEiN)**
19. Burzyńska P., Jodłowska M., Zerka A., Czujkowski J., Jaśkiewicz E.: Red blood cells oligosaccharides as targets for *Plasmodium* invasion. *Biomolecules*, 2022, 12(11): 1669, **IF 5,5 (100 pkt MEiN)**
20. Choroszy M., Sobieszczańska B., Litwinowicz K., Łaczmański Ł., Chmielarz M., Walczuk U., Roleder T., Radziejewska J., Wawrzyńska M.: Co-toxicity of Endotoxin and Indoxyl Sulfate, Gut-Derived Bacterial Metabolites, to Vascular Endothelial Cells in Coronary Arterial Disease Accompanied by Gut Dysbiosis. *Nutrients*, 2022, 14(3): 424, **IF 5,9 (140 pkt MEiN)**
21. Chudzik A., Migdał P., Paściak M.: Different *Cutibacterium acnes* Phylotypes Release Distinct Extracellular Vesicles. *Int J Mol Sci*, 2022, 23(10): 5797, **IF 5,6 (140 pkt MEiN)**
22. Cieślik M., Harhala M., Orwat F., Dąbrowska K., Górski A., Jończyk-Matysiak E.: Two Newly Isolated *Enterobacter*-Specific Bacteriophages: Biological Properties and Stability Studies. Viruses, 2022, 14(7): 1518, **IF 4,7 (100 pkt MEiN)**
23. Ciochoń A., Apanasewicz A., Danel D.P., Galbarczyk A., Klimek M., Ziomkiewicz A., Marcinkowska U.M.: Antenatal Classes in the Context of Prenatal Anxiety and Depression during the COVID-19 Pandemic. *International Journal of Environmental Research and Public Health*, 2022, 19: 5073, **IF2021 4,614 (140 pkt MEiN)**
24. Ciołek L., Jaegermann Z., Zaczyńska E., Czarny A., Biernat M., Gąsiński A., Jastrzębska A., Gloc M., Olszyna A.: Cytotoxicity and Antibacterial Activity of Mineral Trioxide Aggregate Cement with Radiopacity Introduced by ZrO2. *Bioinorganic Chemistry and Applications*, 2022, 2022: 9574245, **IF 3,8 (40 pkt)**
25. Cyran A., Piotrowski P., Samochowiec J., Samochowiec A., Tyburski E., Łaczmański Ł., Misiak B.: Assessment of cardiometabolic risk reveals elevated C-reactive protein levels in patients with deficit schizophrenia after adjustment for lifestyle characteristics. *Appl Sci*, 2022, 12(21): 10915, **IF 2,7 (100 pkt MEiN)**
26. Czerwinska-Blaszczyk A., Pawlak E., Pawlowski T.: The significance of Toll-like receptors in the neuroimmunologic background of alcohol dependence. *Frontiers in Psychiatry*, 2022, 12: 797123, **IF 4,7 (100 pkt MEiN)**
27. Czerwinski M., Kaczmarek R., Glensk U.: Ludwik Hirszfeld: a pioneer of transfusion and immunology during world wars and beyond. *Vox Sanguinis*, 2022, 117: 467–475, **IF 2,7 (70 pkt MEiN)**
28. De Miguel C., Saniotis A., Cieslik A., Henneberg M.: Comparative Study of Brain Size Ontogeny: Marsupials and Placental Mammals. *Biology*, 2022, 11(6): 900, **IF 4,2 (100 pkt MEiN)**
29. Dinas P.C., Nintou E., Vliora M., Pravednikova A.E., Sakellariou P., Witkowicz A., Kachaev Z.M., Kerchev V.V., Larina S.N., Cotton J., Kowalska A., Gkiata P., Bargiota A., Khachatryan Z.A., Hovhannisyan A.A., Antonosyan M.A., Margaryan S., Partyka A., Bogdanski P., Szulinska M., Kregielska-Narozna M., Czepczyński R., Ruchała M., Tomkiewicz A., Yepiskoposyan L., Karabon L., Shidlovskii Y., Metsios G.S., Flouris A.D.: Prevalence of uncoupling protein one genetic polymorphisms and their relationship with cardiovascular and metabolic health. *PLoS One*, 2022, 17(4): e0266386, **IF 3,7 (100 pkt MEiN)**
30. Długosz O., Ochnik M., Sochocka M., Franz D., Orzechowska B., Chmielowiec-Korzeniowska A., Drabik A., Banach M.: Antimicrobial and antiviral activity of selenium sulphide nanoparticles synthesised in extracts from spices in natural deep eutectic solvents (NDES). *Sustainable Materials and Technologies*, 2022, 32: e00433, **IF 9,6 (200 pkt MEiN)**
31. Dobrut A.M., Ochońska D., Brzozowska E., Górska S., Kaszuba- Zwoinska J., Gołda-Cępa M., Gamian A., Brzychczy-Włoch M.: Molecular characteristic, antibiotic resistance and detection of highly immunoreactive proteins of Group B Streptococcus strains isolated from urinary tract infections in Polish adults. *Frontiers in Microbiology*, 2022, 13: 809724, **IF 5,2 (100 pkt MEiN)**
32. Donarska B., Świtalska M., Wietrzyk J., Płaziński W., Łączkowski K.Z.: Discovery of new 3,3-diethylazetidine-2,4-dione based thiazoles as nanomolar human neutrophil elastase inhibitors with broad-spectrum antiproliferative activity. *Int J Mol Sci*, 2022, 23(14): 7566, **IF 5,6 (140 pkt MEiN)**
33. Dratwa M., Wysoczanska B., Brankiewicz W., Stachowicz-Suhs M., Wietrzyk J., Matkowski R., Ekiert M., Szelachowska J., Maciejczyk A., Szajewski M., Baginski M., Bogunia-Kubik K.: Relationship between telomere length, TERT genetic variability and TERT, TP53, SP1, MYC gene co-expression networks in breast cancer clinicopathological behaviors. *Int J Mol Sci*, 2022, 23(9): 5164, **IF 5,6 (140 pkt MEiN)**
34. Drożdż A., Kołodziej T., Wróbel S., Misztal K., Targosz-Korecka M., Drab M., Jach R., Rząca C., Surman M., Przybyło M., Rajfur Z., Stępień E.Ł.: Large extracellular vesicles do not mitigate the harmful effect of hyperglycemia on endothelial cell mobility. *European Journal of Cell Biology*, 2022, 101(4): 151266, **IF 6,6 (100 pkt MEiN)**
35. Dudek B., Rybka J., Bugla-Płoskońska G., Korzeniowska-Kowal A., Futoma-Kołoch B., Pawlak A., Gamian A.: Biological functions of sialic acid as a component of bacterial endotoxin. *Front Microbiol*, 2022, 13: 1028796, **IF 5,2 (100 pkt MEiN)**
36. Dudek‑Wicher R., Junka A., Migdał P., Korzeniowska‑Kowal A., Wzorek A. Bartoszewicz M.: The antibiofilm activity of selected substances used in oral health prophylaxis. BMC Oral Health, 2022, 22: 509, **IF 2,9 (100 pkt MEiN)**
37. Duś-Ilnicka I., Szczygielska A., Kuźniarski A., Szymczak A., Pawlik-Sobecka L., Radwan-Oczko M.: SARS-CoV-2 IgG Amongst Dental Workers During the COVID-19 Pandemic. *Int Dent* J, 2022, 72(3): 353-359, **IF 3,3 (100 pkt MEiN)**
38. Dzimitrowicz A., Pohl P., Caban M., Jamroz P., Cyganowski P., Bykowski M., Klimczak A., Bielawska-Pohl A.: How does direct current atmospheric pressure glow discharge application influence on physicochemical, nutritional, microbiological, and cytotoxic properties of orange juice? *Food Chemistry*, 2022, 377: 131903, **IF 8,8 (200 pkt MEiN)**
39. Farooqi A.A., Zahid R., Naureen H., Attar R., Gazouli M., Berardi R., Szelachowska J., Matkowski R., Pawlak E.: Regulation of ROCK1/2 by long non‑coding RNAs and circular RNAs in different cancer types (Review). *Oncology Letters*, 2022, 23: 159, **IF 2,9 (70 pkt MEiN)**
40. Fedurek P., Akankwasa J.W., Danel D.P., Fensome S., Zuberbühler K., Muhanguzi G., Crockford C., Asiimwe C.: The effect of warning signs on the presence of snare traps in a Ugandan rainforest. *Biotropica*, 2022, 54(3): 721-728, **IF 2,1 (70 pkt MEiN)**
41. Fedurek P., McFarland R., Majolo B., Lehmann J.: Social responses to the natural loss of individuals in Barbary macaques. *Mammalian Biology*, 2022, 102: 1249-1266, **IF 1,6 (100 pkt MEiN)**
42. Filik K., Szermer-Olearnik B., Niedziółka-Jönson J., Roźniecka E., Ciekot J., Pyra A., Matyjaszczyk I., Skurnik M., Brzozowska E.: φYeO3-12 phage tail fiber Gp17 as a promising high specific tool for recognition of *Yersinia enterocolitica* pathogenic serotype O:3. *AMB Express*, 2022, 12 1, **IF 3,7 (70 pkt MEiN)**
43. Filik K., Szermer-Olearnik B., Oleksy S., Brykała J., Brzozowska E.: Bacteriophage Tail Proteins as a Tool for Bacterial Pathogen Recognition – A Literature Review. *Antibiotics*, 2022, 11: 555, **IF4,8 (70 pkt MEiN)**
44. Filip-Psurska B., Zachary H., Strzykalska A., Wietrzyk J.: Vitamin D, Th17 lymphocytes, and breast cancer. *Cancers*, 2022, 14(15): 3649, **IF 5,2 (140 pkt MEiN)**
45. Florek M., Korzeniowska-Kowal A., Wzorek A., Włodarczyk K., Marynowska M., Pogorzelska A., Brodala M., Ploch S., Buczek D., Balon K., Nawrot U.: Prevalence, Genetic Structure, and Antifungal Susceptibility of the *Cryptococcus neoformans/C. gattii* Species Complex Strains Collected from the Arboreal Niche in Poland. *Pathogens*, 2022, 11(1): 8, **IF 3,7 (100 pkt MEiN)**
46. Frydecka D., Misiak B., Piotrowski P., Bielawski T., Pawlak E., Kłosińska E., Krefft M., Kotowicz K., Rymaszewska J., Moustafa A.A., Drapała J.: The Role of Dopaminergic Genes in Probabilistic Reinforcement Learning in Schizophrenia Spectrum Disorders. *Brain Sciences*, 2022, 12(1): 7, **IF 3,3 (100 pkt MEiN)**
47. Frydecka D., Piotrowski P., Bielawski T., Pawlak E., Kłosińska E., Krefft M., Kotowicz K., Rymaszewska J., Moustafa A., Drapała J., Misiak B.: Confirmation bias in the course of instructed reinforcement learning in schizophrenia-spectrum disorders. Brain Sciences, 2022, 12(1): 90, **IF 3,3 (100 pkt MEiN)**
48. Gąsiorowski K., Brokos J.B., Sochocka M., Ochnik M., Chojdak-Łukasiewicz J., Zajączkowska K., Fułek M., Leszek J.: Current and near-future treatment of Alzheimer’s disease. *Current Neuropharmacology*, 2022, 20: 1144-1157, **IF 5,3 (140 pkt MEiN)**
49. Gleba J.J., Kłopotowska D., Banach J., Mielko K.A., Turlej E., Maciejewska M., Kutner A., Wietrzyk J.: Micro-RNAs in response to active forms of vitamin D3 in human leukemia and lymphoma cells. *Int J Mol Sci*, 2022, 23(9): 5019, **IF 5,6 (140 pkt MEiN)**
50. Gleba J.J., Kłopotowska D., Banach J., Turlej E., Mielko K.A., Gębura K., Bogunia-Kubik K., Kutner A., Wietrzyk J.: Polymorphism of VDR Gene and the Sensitivity of Human Leukemia and Lymphoma Cells to Active Forms of Vitamin D. *Cancers*, 2022, 14(2): 387, **IF 5,2 (140 pkt MEiN)**
51. Gomula A., Nowak‐Szczepanska N., Chakraborty R., Bose K., Koziel S.: Indian children exposed to a natural disaster in utero or during infancy displayed smaller head dimensions than non‐affected controls. *Acta Paediatrica*, 2022, 111(2): 336-337, **IF 3,8 (100 pkt MEiN)**
52. Gomula A., Nowak-Szczepanska N., Chakraborty R., Koziel S.: Relative Body Fat Distribution in Preadolescent Indian Children Exposed to a Natural Disaster during Early Development. *International Journal of Environmental Research and Public Health*, 2022, 19(11): 6356, **IF2021 4,614 (140 pkt MEiN)**
53. Gomula A., Nowak-Szczepanska N., Sebastjan A., Kozieł S., Malina R.M., Ignasiak Z.: Age at Menarche in Urban Girls Exposed to Lead in the Copper Basin, Poland. *Biology*, 2022, 11(4): 584, **IF 4,2 (100 pkt MEiN)**
54. Gomułka K., Liebhart J., Jaskuła E., Mędrala W.: Influence of vascular endothelial growth factor on neutrophil activation in asthmatics. *Postepy Dermatol Alergol*, 2022, 39(2): 275-280, **IF 1,4 (70 pkt MEiN)**
55. Gorczyca D., Szponar B., Paściak M., Czajkowska A., Szmyrka M.: Serum levels of n-3 and n-6 polyunsaturated fatty acids in patients with systemic lupus erythematosus and their association with disease activity: a pilot study. *Scand J Rheumatol*, 2022, 51(3): 230-236, **IF 2,1 (100 pkt MEiN)**
56. Gostomska-Pampuch K., Gamian A., Rawicz-Pruszyński K., Gęca K., Tkaczuk-Włach J., Jonik I., Ożga K., Staniszewska M.: Proteins in human body fluids contain *in vivo* antigen analog of the melibiose-derived glycation product: MAGE. *Sci Rep*, 2022, 12(1): 7520, **IF 4,6 (140 pkt MEiN)**
57. Gostomska-Pampuch K., Wiśniewski J.R., Sowiński K., Gruszecki W.I., Gamian A., Staniszewska M.: Analysis of the Site-Specific Myoglobin Modifications in the Melibiose-Derived Novel Advanced Glycation End-Product. *Int J Mol Sci*, 2022, 23(21): 13036, **IF 5,6 (140 pkt MEiN)**
58. Górski A., Borysowski J., Międzybrodzki R.: The contribution of phage therapy to medical knowledge. *J Glob Antimicrob Resist*, 2022, 28: 238-240, **IF 4,6 (40 pkt MEiN)**
59. Hanć T., Gomula A., Nowak-Szczepanska N., Chakraborty R., Kozieł S.: Prenatal and Early Postnatal Exposure to A Natural Disaster and Attention-Deficit/Hyperactivity Disorder Symptoms in Indian Children. *Scientific Reports*, 2022, 12: 16235, **IF 4,6 (140 pkt MEiN)**
60. Harhala M.A., Gembara K., Nelson D.C., Miernikiewicz P., Dąbrowska K.: Immunogenicity of Endolysin PlyC. *Antibiotics (Basel*), 2022, 11(7): 966, **IF 4,8 (70 pkt MEiN)**
61. Hippner M., Majkowski M., Biecek P., Szkudlarek T., Simiczyjew A., Pieniazek M., Nowak D., Miazek A., Donizy P.: Alpha-Enolase (ENO1) Correlates with Invasiveness of Cutaneous Melanoma-An *In Vitro* and a Clinical Study. *Diagnostics (Basel)*, 2022, 12(2): 254, **IF 3,6 (70 pkt MEiN)**
62. Jarmoliński T., Rosa M., Rybka B., Ryczan-Krawczyk R., Gajek K., Bogunia-Kubik K., Klaudel-Dreszler M., Czubkowski P., Kaliciński P., Teisseyre J., Stefanowicz M., Gorczyńska E., Kałwak K., Ussowicz M.: Case Report: Liver as a Source of Hematopoietic Stem Cells After Liver Transplantation Following Hematopoietic Stem Cell Transplantation. *Frontiers in Pediatrics*,2022, 10: 861692, **IF 2,6 (70 pkt MEiN)**
63. Kazana W., Jakubczyk D., Pacyga‐Prus K., Leszczyńska K., Górska S., Siednienko J., Macała J., Piechowiak G., Zabłocka A.: A Novel Mechanism of Macrophage Activation by the Natural Yolkin Polypeptide Complex from Egg Yolk. *International Journal of Molecular Sciences*, 2022, 23: 3125, **IF 5,6 (140 pkt MEiN)**
64. Klimek M., Marcinkowska U.M., Fedurek P., Kleisner K., Danel D.P.: Like Father, Like Child? Paternal Age at Birth and Offspring’s Facial Asymmetry and Distinctiveness, *Symmetry*, 2022, 14: 344, **IF 2,7 (70 pkt MEiN)**
65. Kołodziej M., Kozieł S., Ignasiak Z.: The use of the bioelectrical impedance phase angle to assess the risk of sarcopenia in people aged 50 and above in Poland. *International Journal of Environmental Research and Public Health*, 2022, 19: 4687, **IF2021 4,614 (140 pkt MEiN)**
66. Kopańska M., Chojdak-Łukasiewicz J., Sochocka M., Leszek J., Podgórska-Bednarz J., Banaś-Ząbczyk A., Ochojska D.: Selected methods of therapeutic interactions with people with mild symptoms of autism spectrum disorder. *Frontiers in Psychiatry*, 2022, 13: 942218, **IF 4,7 (100 pkt MEiN)**
67. Koszalka P., Kutryb-Zajac B., Mierzejewska P., Tomczyk M., Wietrzyk J., Serafin P., Smolenski R.T., Slominska E.M.: 4-pyridone-3-carboxamide-1-β-D-ribonucleoside (4PYR) - a novel oncometabolite modulating cancer-endothelial interactions in breast cancer metastasis. *Int J Mol Sci*, 2022, 23(10): 5774, **IF 5,6 (140 pkt MEiN)**
68. Kowalski J., Górska R., Cieślik M., Górski A., Jończyk-Matysiak E.: What Are the Potential Benefits of Using Bacteriophages in Periodontal Therapy? *Antibiotics (Basel)*, 2022, 11(4): 446, **IF 4,8 (70 pkt MEiN)**
69. Krakos (Podwin) A., Jarosz J., Śniadek P., Psurski M., Graja A., Białas M., Oliszewska E., Wietrzyk J., Walczak R., Dziuban J.: Microfluidic-assisted human cancer cells culturing platform for space biology applications. *Sensors*, 2022, 22(16): 6183, **IF 3,9 (100 pkt MEiN**)
70. Krawczenko A., Klimczak A.: Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells and Their Contribution to Angiogenic Processes in Tissue Regeneration. *Int J Mol Sci*, 2022, 23(5): 2425, **IF 5,6 (140 pkt MEiN)**
71. Krzyżewska-Dudek E., Kotimaa J., Kapczyńska K., Rybka J., Meri S.: Lipopolysaccharides and outer membrane proteins as main structures involved in complement evasion strategies of non-typhoidal *Salmonella* strains. *Mol Immunol*, 2022, 150: 67-77, **IF 3,6 (100 pkt MEiN)**
72. Kubicka A.M., Balzeau A., Kosicki J., Nowaczewska W., Haduch E., Spinek A., Piontek J.: Variation in cross-sectional indicator of femoral robusticity in *Homo sapiens* and Neandertals. *Scientific Reports*, 2022, 12: 4739, **IF 4,6 (140 pkt MEiN)**
73. Kubiński K., Masłyk M., Janeczko M., Goldeman W., Nasulewicz-Goldeman A., Psurski M., Martyna A., Boguszewska-Czubara A., Cebula J., Goszczyński T.M.: Metallacarborane Derivatives as Innovative Anti-Candida albicans Agents. *J Med Chem*, 2022, 65(20): 13935-13945, **IF 7,3 (200 pkt MEiN)**
74. Kulbacka J., Rembiałkowska N., Szewczyk A., Rossowska J., Drąg-Zalesińska M., Kulbacki M., Choromańska A.: Nanosecond PEF Induces Oxidative Stress and Apoptosis via Proteasomal Activity Inhibition in Gastric Adenocarcinoma Cells with Drug Resistance. *Int J Mol Sci*, 2022, 23(21): 12943, **IF 5,6 (140 pkt MEiN)**
75. Kuropka P., Leśków A., Małolepsza-Jarmołowska K., Dobrzyński M., Tarnowska M., Majda J., Janeczek M., Żybura-Wszoła K., Gamian A.: Effect of a Single and Triple Dose of Levamisole on Hematological Parameters in Controlled Inflammation Model. *Animals (Basel)*, 2022, 12(16): 2110, **IF 3,0 (100 pkt MEiN)**
76. Kurpińska A., Suraj‑Prażmowska J., Stojak M., Jarosz J., Mateuszuk Ł., Niedzielska‑Andres E., Smolik M., Wietrzyk J., Kalvins I., Walczak M., Chłopicki S.: Comparison of anti-cancer effects of novel protein disulphide isomerase (PDI) inhibitors in breast cancer cells characterized by high and low PDIA17 expression. *Cancer Cell International*, 2022, 22: 218, **IF 5,8 (100 pkt MEiN)**
77. Kuśnierczyk P.: To Be or Not to Be: The Case of Endoplasmic Reticulum Aminopeptidase 2. *Front Immunol*,2022, 13: 902567, **IF 7,3 (140 pkt MEiN)**
78. Lachowicz-Wiśniewska S., Pratap-Singh A., Kapusta I., Kruszyńska A., Rapak A., Ochmian I., Cebulak T., Żukiewicz-Sobczak W., Rubiński P.: Flowers and Leaves Extracts of *Stachys palustris* L. Exhibit Stronger Anti-Proliferative, Antioxidant, Anti-Diabetic, and Anti-Obesity Potencies than Stems and Roots Due to More Phenolic Compounds as Revealed by UPLC-PDA-ESI-TQD-MS/MS. *Pharmaceuticals (Basel)*, 2022, 15(7): 785, **IF 4,6 (100 pkt MEiN)**
79. Leszczyńska K., Jakubczyk D., Górska S.: The NLRP3 inflammasome as a new target in respiratory disorders treatment. *Front Immunol*, 2022, 13: 1006654, **IF 7,3 (140 pkt MEiN)**
80. Lewandowski Z., Dychała E., Pisula-Lewandowska A., Danel D.P.: Comparison of Skinfold Thickness Measured by Caliper and Ultrasound Scanner in Normative Weight Women. *Int J Environ Res Public Health*, 2022, 19(23): 16230, **IF2021 4,614 (140 pkt MEiN)**
81. Li H., Xia Y., Tian Z., Jin Y., Bai F., Cheng Z., Swietnicki W., Wu W., Pan X.: Dihydrolipoamide Acetyltransferase AceF Influences the Type III Secretion System and Resistance to Oxidative Stresses through RsmY/Z in *Pseudomonas aeruginosa*. *Microorganisms*, 2022, 10(3): 666, **IF 4,5 (40 pkt MEiN)**
82. Litwinowicz K., Waszczuk E., Kuzan A., Bronowicka-Szydełko A., Gostomska-Pampuch K., Naporowski P., Gamian A.: Alcoholic Liver Disease Is Associated with Elevated Plasma Levels of Novel Advanced Glycation End-Products: A Preliminary Study. *Nutrients*, 2022, 14(24): 5266, **IF 5,9 (140 pkt MEiN)**
83. Łabędź N., Stachowicz-Suhs M., Psurski M., Anisiewicz A., Banach J., Piotrowska A., Dziegiel P., Maciejczyk A., Matkowski R., Wietrzyk J.: Modulation of Fibroblast Activity via Vitamin D3 Is Dependent on Tumor Type—Studies on Mouse Mammary Gland Cancer. *Cancers*, 2022, 14(19): 4585, **IF 5,2 (140 pkt MEiN)**
84. Łacina P., Butrym A., Frontkiewicz D., Mazur G., Bogunia-Kubik K.: Soluble CD147 (BSG) as a Prognostic Marker in Multiple Myeloma. *Current Issues in Molecular Biology*, 2022, 44: 350-359, **IF 3,1 (70 pkt MEiN)**
85. Łacina P., Butrym A., Turlej E., Stachowicz-Suhs M., Wietrzyk J., Mazur G., Bogunia-Kubik K.: BSG (CD147) serum level and genetic variants are associated with overall survival in acute myeloid leukaemia. *J Clin Med*, 2022, 11: 332, **IF 3,9 (140 pkt MEiN)**
86. Łusiak-Szelachowska M., Międzybrodzki R., Drulis-Kawa Z., Cater K., Knežević P., Winogradow C., Amaro K., Jończyk-Matysiak E., Weber-Dąbrowska B., Rękas J., Górski A.: Bacteriophages and antibiotic interactions in clinical practice: what we have learned so far. *J Biomed Sci*, 2022, 29(1) :23, **IF 11,0 (100 pkt MEiN)**
87. Łusiak-Szelachowska M., Międzybrodzki R., Rogóż P., Weber-Dąbrowska B., Żaczek M., Górski A.: Do Anti-Phage Antibodies Persist after Phage Therapy? A Preliminary Report. Antibiotics, 2022, 11(10): 1358, **IF 4,8 (70 pkt MEiN)**
88. Macek P., Poręba R., Gać P., Bogunia-Kubik K., Dratwa M., Wieckiewicz M., Wojakowska A., Michalek-Zrabkowska M., Mazur G., Martynowicz H.: Genetic Variants of the TERT Gene and Telomere Length in Obstructive Sleep Apnea. *Biomedicines*, 2022, 10(11): 2755, **IF 4,7 (100 pkt MEiN)**
89. Macek P., Wieckiewicz M., Poreba R., Gac P., Bogunia-Kubik K., Dratwa M., Wojakowska A., Mazur G., Martynowicz H.: Assessment of Telomerase Reverse Transcriptase Single Nucleotide Polymorphism in Sleep Bruxism. *Journal of Clinical Medicine*, 2022, 11(3): 525, **IF 3,9 (140 pkt MEiN)**
90. Maciejewska A., Lugowski C., Lukasiewicz J.: First report on the *Streptococcus* *gallolyticus* (S. *bovis* Biotype I) DSM 13808 Exopolysaccharide structure. *International Journal of Molecular Sciences,* 2022, 23(19): 11797, **IF 5,6 (140 pkt MEiN)**
91. Majorczyk E., Mazurek-Mochol M., Pawlik A., Kuśnierczyk P.: Clinical factors and the outcome of treatment with methotrexate in rheumatoid arthritis: role of rheumatoid factor, erosive disease and high level of erythrocyte sedimentation rate. *J Clin Med*, 2022, 20(11): 6078, **IF 3,9 (140 pkt MEiN)**
92. Makuch E., Jasyk I., Kula A., Lipiński T., Siednienko J.: IFNβ-Induced CXCL10 Chemokine Expression Is Regulated by Pellino3 Ligase in Monocytes and Macrophages. *Int J Mol Sci*, 2022, 23(23): 14915, **IF 5,6 (140 pkt MEiN)**
93. Malysa A., Wezgowiec J., Grzebieluch W., Danel D.P., Wieckiewicz M.: Effect of Thermocycling on the Bond Strength of Self-Adhesive Resin Cements Used for Luting CAD/CAM Ceramics to Human Dentin. *International Journal of Molecular Sciences*, 2022, 23(2): 745, **IF 5,6 (140 pkt MEiN)**
94. Markowski A., Jaromin A., Migdał P., Olczak E., Zygmunt A., Zaremba-Czogalla M., Pawlik K.J., Gubernator J.: Design and development of a new type of hybrid PLGA/lipid nanoparticles as an ursolic acid delivery system against pancreatic ductal adenocarcinoma cells. *Int J Mol Sci*, 2022, 23(10): 5536 , **IF 5,6 (140 pkt MEiN)**
95. Masternak J., Gilewska A., Kowalik M., Kazimierczuk K., Sitkowski J., Okła K., Wietrzyk J., Barszcz B.: Synthesis, crystal structure and spectroscopic characterization of new anionic iridium(III) complexes and their interaction with biological targets. *Polyhedron*, 2022, 221: 115837, **IF 2,6 (100 pkt MEiN)**
96. Matuszyk J.: MALAT1-miRNAs network regulate thymidylate synthase and affect 5FU-based chemotherapy. *Molecular Medicine*, 2022, 28(1): 89, **IF 5,7 (100 pkt MEiN)**
97. Mazur M., Górka K., Aguilera A.I.: Smile photograph analysis and its connection with focal length as one of identification methods in forensic anthropology and odontology. *Forensic Science International*, 2022, 335: 111285, **IF 2,2 (100 pkt MEiN)**
98. Miernikiewicz P., Dąbrowska K.: Endocytosis of Bacteriophages. *Current Opinion in Virology*, 2022, 52: 229-235, **IF 5,9 (140 pkt MEiN)**
99. Mierzejewska J., Wȩgierek-Ciura K., Rossowska J., Szczygieł A., Anger-Góra N., Szermer-Olearnik B., Geneja M., Pajtasz-Piasecka E.: The Beneficial Effect of IL-12 and IL-18 Transduced Dendritic Cells Stimulated with Tumor Antigens on Generation of an Antitumor Response in a Mouse Colon Carcinoma Model. *Journal of Immunology Research*, 2022, 2022: 7508928, **IF 4,1 (100 pkt MEiN)**
100. Migdał A., Migdał Ł., Okólski A., **Chełmońska-Soyta A.**: Effectiveness of immunization with multi-component bacterial immunomodulator in foals at 35th day of life. *Sci Rep*, 2022, 12(1): 15795, **IF 4,6 (140 pkt MEiN)**
101. Mikolajczyk K., Sikora M., Hanus C., Kaczmarek R., Czerwinski M.: One of the two N-glycans on the human Gb3/CD77 synthase is essential for its activity and allosterically regulates its function. *Biochem Biophys Res Commun*, 2022, 617: 36-41, **IF 3,1 (100 pkt MEiN)**
102. Mroczek R., Łaszkiewicz A., Błażej P., Adamczyk-Węglarzy K., Niedbalska-Tarnowska J., Cebrat M.: New insights into the criteria of functional heterozygosity of the *Apis mellifera* complementary sex determining gene – discovery of a functional allele pair differing by a single amino acid. *PLoS One*, 2022, 17(8): e0271922, **IF 3,7 (100 pkt MEiN)**
103. Mucha S.G., Piksa M., Firlej L., Krystyniak A., Różycka M.O., Kazana W., Pawlik K.J., Samoć M., Matczyszyn K.: Non-toxic Polymeric Dots with the Strong Protein-Driven Enhancement of One- and Two-Photon Excited Emission for Sensitive and Non-destructive Albumin Sensing. *ACS Appl Mater Interfaces*, 2022, 14(35): 40200-40213, **IF 9,5 (200 pkt MEiN)**
104. Nawirska-Olszanska A., Zaczyńska E., Czarny A., Kolniak-Ostek J.: Chemical Characteristics of Ethanol and Water Extracts of Black Alder (*Alnus glutinosa L*.) Acorns and Their Antibacterial, Anti-Fungal and Antitumor Properties. *Molecules*, 2022, 27(9): 2804, **IF 4,6 (140 pkt MEiN)**
105. Niedbalska-Tarnowska J., Ochenkowska K., Migocka-Patrzałek M., Dubińska-Magiera M.: Assessment of the Preventive Effect of L-carnitine on Post-statin Muscle Damage in a Zebrafish Model. *Cells*, 2022, 11(8): 1297, **IF 6,0 (140 pkt MEiN)**
106. Nowak-Szczepanska N., Gomula A., Sebastjan A., Ignasiak Z., Malina R.M., Kozieł S.: Blood lead level and handgrip strength in preadolescent Polish schoolchildren. *Toxics*, 2022, 10(11): 646, **IF 4,6 (70 pkt MEiN)**
107. Ochnik M., Franz D., Sobczyński M., Naporowski P., Banach M., Orzechowska B., Sochocka M.: Inhibition of human respiratory influenza A virus and human Betacoronavirus-1 by the blend of double-standardized extracts of *Aronia melanocarpa* (Michx.) Elliot and Sambucus nigra L. *Pharmaceuticals*, 2022, 15: 619, **IF 4,6 (100 pkt MEiN)**
108. Ozelo M.C., Mahlangu J., Pasi K.H., Giermasz A., Leavitt A.D., Laffan M., Symington E., Quon D.V., Wang J-D., Peerlinck K., Pipe S.W., Madan B., Key N.S., Pierce G.F., O'Mahony B., Kaczmarek R., Henshaw J., Lawal A., Jayaram K., Huang M., Yang X., Wong W.Y., Kim B.: Valoctocogene Roxaparvovec Gene Therapy for HemophiliaA. *N Engl J Med*, 2022, 386(11):1013-1025, **IF 158,5 (200 pkt MEiN)**
109. Paszkiewicz-Kozik E., Michalski W., Taszner M., Mordak-Domagała M., Romejko-Jarosińska J., Knopińska-Posłuszny W., Najda J., Borawska A., Chełstowska M., Świerkowska M., Dąbrowska-Iwanicka A., Malenda A., Druzd-Sitek A., Konecki R., Kumiega B., Osowiecki M., Ostrowska B., Szpila T., Szymański M., Targoński Ł., Domańska-Czyż K., Popławska L., Giebel S., Lange A., Pluta A., Zaucha J.M., Rymkiewicz G., Walewski J.: Ofatumumab with iphosphamide, etoposide and cytarabine for patients with transplantation-ineligible relapsed and refractory diffuse large B-cell lymphoma. *Br J Haematol*, 2022, 198(1): 73-81, **IF 6,5 (140 pkt MEiN)**
110. Pawelka D., Laczmanska I., Karpinski P., Supplitt S., Witkiewicz W., Knychalski B., Pelak J., Zebrowska P., Laczmanski L.: Machine-learning-based Analysis Identifies miRNA Expression Profile for Diagnosis and Prediction of Colorectal Cancer: A Preliminary Study. *Cancer Genomics Proteomics*, 2022, 19(4): 503-511, **IF 2,5 (70 pkt MEiN)**
111. Pawlak A., Chybicka K., Zioło E., Strządała L., Kałas W.: The Contrasting Delayed Effects of Transient Exposure of Colorectal Cancer Cells to Decitabine or Azacitidine. *Cancers (Basel)*, 2022, 14(6): 1530, **IF 5,2 (140 pkt MEiN)**
112. Piechowicz J., Gamian A., Chukwu O., Polak-Jonkisz D.: Nitric Oxide Synthesis Metabolites-As Potential Markers in Chronic Kidney Disease in Children. *Curr Issues Mol Biol*, 2022, 44(8): 3518-3532, **IF 3,1 (70 pkt MEiN)**
113. Piekarska K., Radwan P., Tarnowska A., Radwan M., Wilczyński J.R., Malinowski A., Nowak I.: ERAP/HLA-C and KIR genetic profile in couples with recurrent implantation failure. *Int J Mol Sci*, 2022, 23: 12518, **IF 5,6 (140 pkt MEiN)**
114. Piekarska K., Radwan P., Tarnowska A., Wiśniewski A., Krasiński R., Radwan M., Wilczyński J.R., Malinowski A., Nowak I.: The Association of HLA-G Gene Polymorphism and Its Soluble Form With Male Infertility. *Front Immunol*, 2022, 12: 791399, **IF 7,3 (140 pkt MEiN)**
115. Piekarz I., Górska S., Razim A., Sorocki J., Wincza K., Drab M., Gruszczyński S.: Planar single and dual-resonant microwave biosensors for label-free bacteria detection. *Sensors and Actuators B: Chemical*, 2022, 351: 130899, **IF 8,4 (140 pkt MEiN)**
116. Pierce G.F., Adediran M., Diop S., Dunn A.L., El Ekiaby M., Kaczmarek R., Konkle B.A., Pipe S.W., Skinner M.W., Valentino L.A., Robinson F., Ampartzidis G., Martin J., Haffar A.: Achieving access to haemophilia care in low-income and lower-middle-income countries: expanded Humanitarian Aid Program of the World Federation of Hemophilia after 5 years. *Lancet Haematol*, 2022, 9(9): e689-e697, **IF 24,7 (200 pkt MEiN)**
117. Podbielska M., Ariga T., Pokryszko-Dragan A.: Sphingolipid Players in Multiple Sclerosis: Their Influence on the Initiation and Course of the Disease. *Int J Mol Sci*, 2022, 23(10): 5330, **IF 5,6 (140 pkt MEiN)**
118. Radwan P., Tarnowska A., Piekarska K., Wiśniewski A., Krasiński R., Radwan M., Nowak I.: The impact of soluble HLA-G in IVF/ICSI embryo culture medium on implantation success. *Front Immunol*, 2022, 13: 982518, **IF 7,3 (140 pkt MEiN)**
119. Rembiałkowska N., Novickij V., Baczyńska D., Dubińska-Magiera M., Saczko J., Rudno-Rudzińska J., Maciejewska M., Kulbacka J.: Micro- and Nanosecond Pulses Used in Doxorubicin Electrochemotherapy in Human Breast and Colon Cancer Cells with Drug Resistance. *Molecules*, 2022, 27(7): 2052, **IF 4,6 (140 pkt MEiN)**
120. Sheriff A., Guri I., Zebrowska P., Llopis-Hernandez V., Brooks I.R., Tekkela S., Subramaniam K., Gebrezgabher R., Naso G., Petrova A., Balon K., Onoufriadis A., Kujawa D., Kotulska M., Newby G., Łaczmański Ł., Liu D.R., McGrath J.A., Jacków J.: ABE8e adenine base editor precisely and efficiently corrects a recurrent COL7A1 nonsense mutation. *Sci Rep*, 2022, 12(1): 19643, **IF 4,6 (140 pkt MEiN)**
121. Siek T., Spinek A.E.: A differentially diagnosed simple bone cyst from a medieval Polish osteological collection. *International Journal of Osteoarchaeology*, 2022, 32(4): 910-915, **IF 1,0 (140 pkt MEiN)**
122. Siewiński M., Bażanów B., Orzechowska B., Gołąb K., Gburek J., Matkowski A., Rapak A., Janocha A., Krata L., Dobrzyński M, Kilar E.: Use of natural cysteine protease inhibitors in limiting SARS-Co-2 fusion into human respiratory cells. *Medical Hypotheses*, 2022, 168: 110965, **IF 4,7 (40 pkt MEiN)**
123. Skrzypek A., Karpińska M., Juszczak M., Grabarska A., Wietrzyk J., Krajewska-Kułak E., Studziński M., Paszko T., Matysiak J.: Cholinesterases Inhibition, Anticancer and Antioxidant Activity of Novel Benzoxazole and Naphthoxazole Analogs. *Molecules*, 2022, 27(23): 8511, **IF 4,6 (140 pkt MEiN)**
124. Smardz J., Martynowicz H., Wojakowska A., Wezgowiec J., Danel D., Mazur G., Wieckiewicz M.: Lower serotonin levels in severe sleep bruxism and its association with sleep, heart rate, and body mass index. *Journal of Oral Rehabilitation*, 2022, 49(4): 422-429, **IF 2,9 (100 pkt MEiN)**
125. Sochocka M., Ochnik M., Sobczyński M., Gębura K., Zambrowicz A., Naporowski P., Leszek J.: *Ginkgo biloba* leaf extract improves an innate immune response of peripheral blood leukocytes of Alzheimer's disease patients. *Nutrients*, 2022, 14: 2022, **IF 5,9 (140 pkt MEiN)**
126. Sochocka M., Ochnik M., Sobczyński M., Orzechowska B., Leszek J.: Sex differences in innate immune response of peripheral blood leukocytes of Alzheimer's disease patients. *Archivum Immunologiae et Therapiae Experimentalis*, 2022, 70: 16, **IF 3,2 (140 pkt MEiN)**
127. Stamnitz S., Krawczenko A., Szałaj U., Górecka Ż., Antończyk A., Kiełbowicz Z., Święszkowski W., Łojkowski W., Klimczak A.: Osteogenic Potential of Sheep Mesenchymal Stem Cells Preconditioned with BMP-2 and FGF-2 and Seeded on the n-HAP-coated PCL/HAP/β-TCP Scaffold. *Cells*, 2022, 11(21): 3446, **IF 6,0 (140 pkt MEiN)**
128. Stanczykiewicz B., Gburek J., Rutkowska M., Lemieszewska M., Gołab K., Juszczyńska K., Piotrowska A., Trziszka T., Dzięgiel P., Podhorska-Okołów M., Zabłocka A., Rymaszewska J.: Ovocystatin Induced Changes in Expression of Alzheimer’s Disease Relevant Proteins in APP/PS1 Transgenic Mice. *Journal of Clinical Medicine*, 2022, 11: 2372, **IF 3,9 (140 pkt MEiN)**
129. Stępień M., Zalewska M., Knysz B., Świątoniowska-Lonc N., Jankowska-Polańska B., Łaczmański Ł., Piwowar A., Kuźniarski A.: How Humoral Response and Side Effects Depend on the Type of Vaccine and Past SARS-CoV-2 Infection. *Vaccines (Basel)*, 2022, 10(7): 1042, **IF 7,8 (140 pkt MEiN)**
130. Stramecki F., Misiak B., Gawęda Ł., Prochwicz K., Kłosowska J., Samochowiec J., Samochowiec A., Pawlak E., Szmida E., Skiba P., Cechnicki A., Frydecka D.: The moderating role of the FKBP5 gene polymorphisms in the relationship between attachment style, perceived stress and psychotic-like experiences in non-clinical young adults. *Journal of Clinical Medicine*,2022,11: 1614, **IF 3,9 (140 pkt MEiN)**
131. Szafraniec M.J., Toporkiewicz M., Gamian A.: Zinc-Substituted Pheophorbide A Is a Safe and Efficient Antivascular Photodynamic Agent. *Pharmaceuticals (Basel)*, 2022, 15(2): 235, **IF 4,6 (100 pkt MEiN)**
132. Szewczyk-Dąbrowska A., Budziar W., Baniecki K., Pikies A., Harhala M., Jędruchniewicz N., Kaźmierczak Z., Gembara K., Klimek K., Witkiewicz W., Nahorecki A., Barczy K., Grata-Borkowska U., Dąbrowska K.: Dynamics of anti-SARS-CoV-2 seroconversion in individual patients and at the population level. *PLoS One*, 2022, 17(9): e0274095, **IF 3,7 (100 pkt MEiN)**
133. Szewczyk-Dąbrowska A., Budziar W., Harhala M., Baniecki K., Pikies A., Jędruchniewicz N., Kaźmierczak Z., Gembara K., Klimek T., Witkiewicz W., Nahorecki A., Barczyk K., Kłak M., Grata-Borkowska U., Dąbrowska K.: Correlation between COVID-19 severity and previous exposure of patients to Borrelia spp. *Sci Rep*, 2022, 12(1): 15944, **IF 4,6 (140 pkt MEiN)**
134. Szulc J., Okrasa M., Majchrzycka K., Sulyok M., Nowak A., Szponar B., Górczyńska A., Ryngajłło M., Gutarowska B.: Microbiological and toxicological hazard assessment in a waste sorting plant and proper respiratory protection. *Journal of Environmental Management*, 2022, 03: 114257, **IF 8,7 (100 pkt MEiN)**
135. Świtalska M., Filip-Psurska B., Milczarek M., Psurski M., Moszyńska A., Dąbrowska A., Gawrońska M., Krzymiński K., Bagiński M., Bartoszewski R., Wietrzyk J.: Combined anticancer therapy with imidazoacridinone analogue C-1305 and paclitaxel in human lung and colon cancer xenografts—modulation of tumor angiogenesis. *Journal of Cellular and Molecular Medicine*, 2022, 26(14): 3950-3964, **IF 5,3 (100 pkt MEiN)**
136. Tabiś A., Gonet M., Schubert J., Miazek A., Nowak M., Tomaszek A., Bania J.: Analysis of enterotoxigenic effect of *Staphylococcus aureus* and *Staphylococcus epidermidis* enterotoxins C and L on mice. *Microbiol Res*, 2022, 258: 126979, **IF 6,7 (100 pkt MEiN)**
137. Thinard R., Farkas A.E., Halasa M., Chevalier M., Brodaczewska K., Majewska A., Zdanowski R., Paprocka M., Rossowska J., Duc L.T., Greferath R., Krizbai I., Van Leuven F., Kieda C., Nicolau C.: “Endothelial Antibody Factory” at the Blood Brain Barrier: Novel Approach to Therapy of Neurodegenerative Diseases. *Pharmaceutics*, 2022, 14: 1418, **IF 5,4 (100 pkt MEiN)**
138. Thiruchenthooran V., Świtalska M., Bonilla L., Espina M., Garcia M.L., Wietrzyk J., Sánchez-López E., Gliszczyńska A.: Novel strategies against cancer: dexibuprofen loaded nanostructured lipid carriers. *Int J Mol Sci*, 2022, 23(19): 11310, **IF 5,6 (140 pkt MEiN)**
139. Turlej E., Goszczyński T.M., Drab M., Orzechowska B., Maciejewska M., Banach J., Wietrzyk J.: The impact of exosomes/microvesicles derived from myeloid dendritic cells cultured in the presence of calcitriol and tacalcitol on acute B-cell precursor cell lines with MLL fusion gene. *J Clin Med*, 2022, 11: 2224, **IF 3,9 (140 pkt MEiN)**
140. Ucieklak K.: Krztusiec i „efekt czerwonej królowej”. *Postępy Mikrobiologii- Advancement of Microbiology*, 2022, 133, **IF 0,8 (20 pkt MEiN)**
141. Wacewicz S., Perea-García J.O., Lewandowski Z., Danel D.P.: The adaptive significance of human scleral brightness: an experimental study. *Sci Rep*, 2022, 12(1): 20261, **IF 4,6 (140 pkt MEiN)**
142. Wezgowiec J., Wieczynska A., Wieckiewicz M., Czarny A., Malysa A., Seweryn P., Zietek M., Paradowska-Stolarz A.: Evaluation of Antimicrobial Efficacy of UVC Radiation, Gaseous Ozone, and Liquid Chemicals Used for Disinfection of Silicone Dental Impression Materials. *Materials (Basel)*, 2022, 15(7): 2553, **IF 3,4 (140 pkt MEiN)**
143. Wiatrak B., Balon K., Jawień P., Bednarz D., Jęśkowiak I., Szeląg A.: The Role of the Microbiota-Gut-Brain Axis in the Development of Alzheimer's Disease. *Int J Mol Sci*, 2022, 23(9): 4862, **IF 5,6 (140 pkt MEiN)**
144. Wicherska-Pawłowska K., Bogunia-Kubik K., Kuszczak B., Łacina P., Dratwa M., Jaźwiec B., Wróbel T., Rybka J.: Polymorphisms in the Genes Coding for TLRs, NLRs and RLRs Are Associated with Clinical Parameters of Patients with Acute Myeloid Leukemia. *International Journal of Molecular Sciences*, 2022, 23: 9593, **IF 5,6 (140 pkt MEiN)**
145. Więckiewicz G., Danel D., Piegza M., Gorczyca P.W., Pudlo R.: Demographic and health characteristics of 3,4-methylenedioxymethamphetamine users (MDMA, ecstasy). *Psychiatr Pol*, 2022, 56(5): 1109-1130, **IF 1,7 (100 pkt MEiN)**
146. Woźnica A., Karczewski J., Bernaś T., Świątek P., Drab M., Surma R., Krzyżowski M., Łozowski B., Gwiazda R., Libera M., Absalon D., Babczyńska A.: The spatial structure (3D) and mechanical properties of the sponge *Spongilla lacustris* L. (Porifera: Spongillida) skeleton as a potential tensegral architecture. *The European Zoological Journal*, 2022, 89(1): 1002-1017, **IF 1,8 (140 pkt)**
147. Wójcik-Fatla A., Mackiewicz B., Sawczyn-Domańska A., Sroka J., Siwiec J., Paściak M., Szponar B., Pawlik K.J., Dutkiewicz J.: Timber-colonizing gram-negative bacteria as potential causative agents of respiratory diseases in woodworkers. *Int Arch Occup Environ Health*, 2022, 95: 1179-1193, **IF 3,0 (100 pkt MEiN)**
148. You W., Henneberg R., Saniotis A., Ge Y., Henneberg M.: Total meat intake is associated with life expectancy – a cross sectional data analysis of 175 contemporary populations. *International Journal of General Medicine*, 2022, 15: 1833-1851, **IF 2,3 (70 pkt MEiN)**
149. Zaczyńska E., Kaczmarek K., Zabrocki J., Artym J., Zimecki M.: Antiviral Activity of a Cyclic Pro-Pro-β3-HoPhe-Phe Tetrapeptide against HSV-1 and HAdV-5. *Molecules*, 2022, 27(11): 3552, **IF 4,6 (140 pkt MEiN)**
150. Zalejska-Fiolka J., Birková A., Wielkoszyński T., Hubková B., Szlachta B., Fiolka R., Błaszczyk U., Kuzan A., Gamian A., Mareková M., Toborek M.: Loss of Skeletal Muscle Mass and Intracellular Water as Undesired Outcomes of Weight Reduction in Obese Hyperglycemic Women: A Short-Term Longitudinal Study. *Int J Environ Res Public Health*, 2022, 19(2): 1001, **IF2021 4,614 (140 pkt MEiN)**
151. Zdziarski P., Gamian A.: High Monocyte Count Associated with Human Cytomegalovirus Replication *In Vivo* and Glucocorticoid Therapy May Be a Hallmark of Disease. *Int J Mol Sci*, 2022, 23(17): 9595, **IF 5,6 (140 pkt MEiN)**
152. Zdziarski P., Paściak M., Gamian A.: Microbiome Analysis and Pharmacovigilance After Inhaled Glucocorticoid: Oral Dysbiosis With the Isolation of Three Rothia Species and Subsequent Sjögren's Syndrome. *Front Pharmacol*, 2022, 13: 636180, **IF 5,6 (100 pkt MEiN)**
153. Zielecka-Dębska D., Pawlak E., Tukiendorf A., Szelachowska J., Wiśniewska I., Błaszczyk J., Ekiert M., Maciejczyk A., Matkowski R.: Socioeconomic aspect of Breast cancer incidence and mortality in women in Lower Silesia (Poland) in 2005-2014. *Postępy Higieny i Medycyny Doświadczalnej*, 2022, 76(1): 62-70, **IF 0,3 (40 pkt MEiN)**
154. Ziętek M., Nowacki M., Wierzbicki J., Maciejczyk A., Pawlak E., Matkowski R.: An analysis of clinical effectiveness of electrochemotherapy in the treatment of advanced metastatic malignant melanoma performed in the eastern part of Central Europe: a single-centre experience. *Advances in Dermatology and Allergology/Postępy Dermatologii i Alergologii*, 2022, 39(3): 559-564, **IF 1,4 (70 pkt MEiN)**
155. Ziętek M., Nowacki M., Wierzbicki J., Matkowski R., Maciejczyk A., Czajkowski R., Pawlak E.: The Report and analysis concerning the usefulness of basic telemedicine tools in the skin cancer diagnostic screening process during COVID-19 pandemics. *Advances in Dermatology and Allergology/Postępy Dermatologii i Alergologii*, 2022, XXXIX(1): 189-194, **IF 1,4 (70 pkt MEiN)**
156. Ziętek M., Wierzbicki J., Pawlak E., Maciejczyk A., Matkowski R.: Introduction of a pilot program to measure and improve the clinical care of melanoma patients in the Lower Silesian Voivodeship in Poland: A report of 20 months experience. *BMC Cancer*, 2022, 39(3): 559-564, **IF 3,8 (100 pkt MEiN)**
157. Ziętek M., Zdzienicki M., Wierzbicki J., Cybulska-Stopa B., Krotewicz M., Łobaziewicz W., Wysocki W.M., Kamińska-Winciorek G., Turska-d’Amico M., Rutkowski P.: Survival of patients with stage IIIC and IIID melanomas with nodal metastases in the light of new therapies. *Advances in Dermatology and Allergology/Postępy Dermatologii i Alergologii*, 2022, 39(6): 1141-1150, **IF 1,4 (70 pkt MEiN)**
158. Zubchenko S., Kril I., Potemkina H., Havrylyuk A., Kuzan A., Gamian A., Chopyak V.V.: Low Level of Advanced Glycation End Products in Serum of Patients with Allergic Rhinitis and Chronic Epstein-Barr Virus Infection at Different Stages of Virus Persistence. *J Immunol Res*, 2022, 2022: 4363927, **IF 4,1 (100 pkt MEiN)**
159. Zyman A., Górski A., Międzybrodzki R.: Phage therapy of wound-associated infections. *Folia Microbiol (Praha)*, 2022, 67(2): 193-201, **IF 2,6 (40 pkt MEiN)**
160. Żaczek M., Górski A., Weber-Dąbrowska B., Letkiewicz S., Fortuna W., Rogóż P., Pasternak E., Międzybrodzki R.: A Thorough Synthesis of Phage Therapy Unit Activity in Poland-Its History, Milestones and International Recognition. *Viruses*, 2022, 14(6): 1170, **IF 4,7 (100 pkt MEiN)**
161. Żak-Bochenek A., Bajzert J., Sambor D., Siwinska N., Szponar B., Łaczmański Ł., Zebrowska P., Czajkowska A., Karczewski M., Chełmońska S.: Homeostasis of the Intestinal Mucosa in Healthy Horses-Correlation between the Fecal Microbiome, Secretory Immunoglobulin A and Fecal Egg Count. *Animals*, 2022, 12(22): 3094, **IF 3,0 (100 pkt MEiN)**

***Artykuły naukowe opublikowane w czasopismach bez Impact Factor:***

1. Babula G., Czarny W., Ignasiak Z., Chakraborty R., Kozieł S.: Diversity of change in body mass index and skinfold thickness between different study courses within four years of study among the male students in a university in Poland. *Anthropological Review*, 2022, 85(3): 19-30 **(70 pkt MEiN)**
2. Ciołek L., Jaegermann Z., Zaczyńska E., Czarny A., Biernat M., Gąsiński A., Pagacz J., Tymowicz-Grzyb P., Jastrzębska A., Gloc M., Olszyna A.: Cement typu MTA na bazie krzemianu trójwapnia wzbogaconego ZnO – ocena cytotoksyczności oraz działanie bakteriobójcze. *Szkło i Ceramika*, 2022, (4): 34-41 **(20 pkt MEiN)**
3. Górka K.: A violent structure. Southern perspective on the practice of forensic anthropology as a public service. *Anthropological Review*, 2022, 85(4): 15-30 **(70 pkt MEiN)**
4. Jopkiewicz A., Zaręba M., Jopkiewicz A.M., Kozieł S.: The Influence of Urbanization Level of Residence on the Health-Related Fitness of University Students. *Coll Antropol*, 2022, 46(4): 283-287 **(40 pkt MEiN)**
5. Kociuba M., Ignasiak Z., Rokita A., Cichy I., Dudkowski A., Ściślak M., Kochan K., Sebastjan A., Spinek A., Lorek D., Bogin B., Chakraborty R., Kozieł S.: Level of oxytocin prior to rugby and handball matches: An exploratory study among groups of Polish players. *Anthropological Review*, 2022, 85(4): 86-94 **(70 pkt MEiN)**
6. Kociuba M., Kulik T., Chakraborty R., Ignasiak Z., Rokita A., Kozieł S.: Is digit ratio (2D:4D) associated with a religious profession? An exploratory study on male Polish seminary students. *Anthropological Review*, 2022, 85(3): 95-106 **(70 pkt MEiN)**
7. Plens C.R., Górka K.: The intrinsic relationship between biological and forensic anthropology. *Brazilian Journal of Forensic Anthropology and Legal Medicine*, 2022, 5: 8-22
8. Plens C.R., Górka K., Andrea L.Q.Y.: The Identified Osteological Collections of South America and Their Ethical Dimensions. *Forensic Sciences*, 2022, 2(1): 238-252
9. Razim A., Górska S., Myc A.: Efektywne szczepionki śluzówkowe – możliwości i wyzwania. *Postępy Biochemii*, 2022, 68: 2 **(70 pkt MEiN)**
10. Zdziarski P., Wzorek A.: Respiratory microbiota as a good predictor of outcome in humoral immunodeficiency. Methodological and conceptual difficulties in comprehensive microbiome analysis. *Pol Med J*, 2022, L(299): 391-393

***Prace opublikowane w czasopismach z „listy filadelfijskiej” nie uwzględniane przy ewaluacji:***

1. Górska S., Schwarzer M., Schabussova I., Zawilak-Pawlik A.M., Sandström C.: Editorial: Probiotic bacteria-derived effector molecules and their impact on the host in health and disease. *Frontiers in Microbiology*, 2022, 13: 1089461, **IF 6,064 (100 pkt MEiN) – Editorial**
2. Klimczak A.: Mesenchymal Stem/Progenitor Cells and Their Derivates in Tissue Regeneration. *Int J Mol Sci*, 2022, 23(12): 6652, **IF 6,208 (140 pkt MEiN) – Editorial**
3. Saas P., Toussirot E., Bogunia-Kubik K.: Editorial: Potential Biomarkers for Rheumatic Diseases and in Cell-Based Therapies in the Management of Inflammatory Rheumatic Diseases. *Frontiers in Immunology*, 2022, 12: 836119, **IF 8,787 (140 pkt MEiN) – Editorial**

***Rozdziały w książkach opublikowane:***

1. Czerwiński M., Kaczmarek R.: NOR Blood Group Antigen. [w:] Halverson G.R. (ed): Polyagglutination: An Update and Review. AABB Press, str. 63-71.
2. Frydecka I.: Czerwienica prawdziwa. [w:] Interna Szczeklika 2022/23, Medycyna Praktyczna, Kraków, 2023, Wydanie w oprawie miękkiej, str.1111-1114.
3. Frydecka I.: Nadpłytkowość samoistna. [w:] Interna Szczeklika 2022/23, Medycyna Praktyczna, Kraków, 2023, Wydanie w oprawie miękkiej, str.1115-1117.
4. Frydecka I.: Pierwotne włóknienie szpiku (mielofibroza pierwotna). [w:] Interna Szczeklika 2022/23, Medycyna Praktyczna, Kraków, 2023, Wydanie w oprawie miękkiej, str.1117-1121.
5. Frydecka I.: Czerwienica prawdziwa. [w:] Interna Szczeklika 2022, Medycyna Praktyczna, Kraków, 2022, Wydanie w oprawie twardej, str.1860-1863.
6. Frydecka I.: Nadpłytkowość samoistna. [w:] Interna Szczeklika 2022, Medycyna Praktyczna, Kraków, 2022, Wydanie w oprawie twardej, str.1864-1867.
7. Frydecka I.: Pierwotne włóknienie szpiku (mielofibroza pierwotna). [w:] Interna Szczeklika 2022, Medycyna Praktyczna, Kraków, 2022, Wydanie w oprawie twardej, str.1867-1871.
8. Górka K.: Mortes sistêmicas. O serviço de antropologia forense no Brasil e a questão dos direitos humanos. [In:] Plens C.: Direitos Humanos sob a perspectiva do direito à vida, da Antropologia Forense e da Justiça no caso de violações. Annablume/HHRRC(AAFS), 2022: 301-322
9. Kozieł S.: Social and economic effect on growth. [w:] Cameron N., Schell L. (eds.): Human Growth and Development. Third edition. Elsevier, Academic Press, London, 2022: 245-259
10. Lisowska M., Milczarek M., Ciekot J., Kutkowska J., Hildebrand W., Rapak A., Miazek A.: Therapeutic Monoclonal Antibodies and Antibody Products, Their Optimization and Drug Design in Cancers. [w:] Kayser V. (ed): An Antibody Specific for the Dog Leukocyte Antigen DR (DLA-DR) and Its Novel Methotrexate Conjugate Inhibit the Growth of Canine B Cell Lymphoma. MDPI, 2022: 61-74
11. Milicic A., Reinke S., Fergusson J., Lindblad E.B., Thakur A., Corby G., Longet S., Górska S., Razim A., Hu K., Morein B., Luchner M., Christensen D., Mrenoshki S., Ceylan S.E., Gizurarson S., Ugwu M.C.: Adjuvants, immunomodulators, and adaptogens [w:] Ashfield R., Oli A., Esimone C., Anagu L.: Vaccinology and Methods in Vaccine Research. Academic Press, 2022, str. 223-280
12. Nowaczyk M., Sankowska M., Korczak-Kowalska G., Górski A.: Podstawy immunologii transplatacyjnej [w:] Szmidt J., Kużdżał J., Krawczyk M., Kruszyna T., Lampe P., Walner G., Wysocki W.M. (red.): Podstawy chirurgii. Wyd.: Medycyna Praktyczna, Kraków, 2022: 909-913
13. Saniotis A.: Anatomy of female genitalia and gynaecological complications of female genital mutilation. [w:] Ahmed H.M. et al. (eds.): FGM between Islam and Science. Kurdistan, Iraq, Zhian Health Organization, 2022

***E-booki:***

Toussirot E., Bogunia-Kubik K., Saas P. (red.): Potential Biomarkers for Rheumatic Diseases and in Cell-Based Therapies in the Management of Inflammatory Rheumatic Diseases.