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2023

ARIENTOVÁ, S - MATÚŠKOVÁ, K - BARTOŠ, O - HOLUB, M - BERAN, O. Specific immune responses after BNT162b2 mRNA vaccination and COVID-19 infection. *Frontiers in Immunology*. 2023, **14**(October), 1271353. ISSN 1664-3224.

Koresp. autor: Beran První autor: Arientová; Matúšková Senior autor: Beran
IF = 7.300 (2022) kvartil dle IF= Q1 (2022)

ARIENTOVÁ, S - BERAN, O - MATÚŠKOVÁ, K - STRÁNÍKOVÁ, A - HOLUB, M. Elevated regulatory T cells after antibiotic treatment of infectious spondylodiscitis as biomarker of recovery?. *Immunology Letters*. 2023, **256**, 55-58. ISSN 0165-2478.

Koresp. autor: Arientová První autor: Arientová Senior autor: Holub
IF = 4.4 (2022) kvartil dle IF= Q2 (2022)

BARTACKOVA, J - KOUBA, V - DOSTALKOVA, A - CERMAKOVA, E - MARINA, MAL - CHMEL, M - MILANOVA, M - DEMNEROVA, K - RUMLOVA, M - SYKORA, P - BARTACEK, J - ZDENKOVA, K. Monitoring of monkeypox viral DNA in Prague wastewater. *Science of the Total Environment*. 2023, **902** (December), 166110. ISSN 0048-9697.

Koresp. autor: Kouba První autor: Bartackova Senior autor: Zdenkova
IF = 9.800 (2022) kvartil dle IF= Q1 (2022)

TYLL, T - NOVOTNÝ, D - BERAN, O - BARTÁKOVÁ, E - PUDIL, J - KRÁLOVÁ LESNÁ, I - RÁRA, A. Multilocular infection caused by hypervirulent Klebsiella pneumoniae. *Epidemiologie, mikrobiologie, imunologie*. 2023, **72**(1), 54-58. ISSN 1210-7913.

Koresp. autor: Rára První autor: Tyll Senior autor: Rára
IF = 0.5 (2022) kvartil dle IF= Q4 (2022)

BARTOŠ, O - KLIMEŠOVÁ, B - VOLFOVÁ, K - CHMEL, M - DRESLER, J - PAJER, P - KABÍČKOVÁ, H - ADAMÍK, P - MODRÝ, D - MYSLIVCOVÁ FUČÍKOVÁ, A - VOTÝPKA, J. Two novel *Bartonella* (sub)species isolated from edible dormice (*Glis glis*): Hints of cultivation stress-induced genomic changes. *Frontiers in Microbiology*. 2023, **14**(November), 1289671. ISSN 1664-302X.

Koresp. autor: Bartoš První autor: Bartoš Senior autor: Votýpka
IF = 5.200 (2022) kvartil dle IF= Q2 (2022)

MASSMANN, R - GROH, T - JILICH, D - BARTKOVÁ, D - BARTOVSKÁ, Z - CHMELAŘ, J - CHRDLE, A - DLOUHÝ, P - CIMRMAN, Š - GUIMARAES DA SILVA, S - KAPLA, J - KUBISKA, M - SNOPKOVÁ, S - SVAČINKA, R - ZLÁMAL, M - SAMSONOVÁ, O - SEDLÁČEK, D. HIV-positive Ukrainian refugees in the Czech Republic. *AIDS*. 2023, **37**(12), 1811-1818. ISSN 0269-9370.

Koresp. autor: Massmann První autor: Massmann Senior autor: Sedláček
IF = 3.800 (2022) kvartil dle IF= Q3 (2022)

2022

BERAN, O - MATÚŠKOVÁ, K- BARTOVSKÁ, Z - BARTOŠ, O - HOLUB, M. Acute phase of COVID-19 is associated with elevated plasmablasts in the blood. *Bratislava Medical Journal*. 2022, **123**(4), 244-247. ISSN 0006-9248. IF = 1.500 (2022)

GÁL, P - BRÁBEK, J - **HOLUB, M** - JAKUBEK, M - ŠEDO, A - LACINA, L - STRNADOVÁ, K - DUBOVÝ, P - HORNYCHOVÁ, H - RYŠKA, A - SMETANA, K. Autoimmunity, cancer and COVID-19 abnormally activate wound healing pathways: critical role of inflammation. *Histochemistry and Cell Biology*. 2022, **158**(5), 415-434. ISSN 0948-6143. IF = 2.300 (2022)

ARIENTOVÁ, S - JÍCHA, Z - BERAN, O - HOLUB, M. Decreased quality of care for Staphylococcus aureus bacteremia during the COVID-19 pandemic. *BMC Infectious Diseases*. 2022, **22**(1), 631. ISSN 1471-2334. IF = 3.700 (2022)

CHMEL, M - BARTOŠ, O - KABÍČKOVÁ, H - PAJER, P - KUBÍČKOVÁ, P - NOVOTNÁ, I - BARTOVSKÁ, Z - ZLÁMAL, M - BURANTOVÁ, A - HOLUB, M - JIŘINCOVÁ, H - NAGY, A - ČERNÍKOVÁ, L - ZÁKOUCKÁ, H - DRESLER, J. Retrospective Analysis Revealed an April Occurrence of Monkeypox in the Czech Republic. *Viruses*. 2022, **14**(8), 1773. ISSN 1999-4915. IF = 4.700 (2022)

KOWALSKA, J. - RUKHADZE, N - SOJAK, L - BOCIAGA-JASIK, M - SEDLÁČEK, D - MATULIONYTE, R - JILICH, D - YANCHEVA, N - PAPADOPoulos, A - ROZPLOCHOWSKI, B - PATRASCU, R - AIMLA, K - BEGOVAC, J - PARCZEWSKI, M - GOLOVCO, E - BIELEC, D - **BARTOVSKÁ, Z - SHEMBRI, A - ZVIRBULIS, V - HLEBOWICZ, M - KOCBACH, P - LAKATOS, B.** Preliminary report on the provision of HIV care to war refugees with HIV who are migrating from Ukraine: data from the ECEE Network Group. *AIDS*. 2022, **36**(13), 1887-1890. ISSN 0269-9370. IF = 3.8 (2022)

ZLÁMAL, M - BARTOVSKÁ, Z - BURANTOVÁ, A - ZÁKOUCKÁ, H - JIŘINCOVÁ, H - CHMEL, M - HOLUB, M. Monkeypox and Herpes Simplex Virus Type 2 Coinfection: Case Report of Perianal Lesions in HIV-Positive Patient. *Sexually Transmitted Diseases*. 2022, **49**(11), 769-770. ISSN 0148-5717. IF = 3.1 (2022)

MURÍNOVÁ, I - ŠVIDRNOCH, M - GUCKÝ, T - ŘEZÁČ, D - HLAVÁČ, J - SLANAŘ, O - ŠÍMA, M. Meropenem population pharmacokinetics and model-based dosing optimisation in patients with serious bacterial infection. *European Journal of Hospital Pharmacy*. 2022, ISSN 2047-9956. IF = 1.7 (2022)

2021

HOLUB, M - STRÁNÍKOVÁ, A - BERAN, O - ARIENTOVÁ, S - BARTOŠ, O - KONDĚLKOVÁ, K - PLÍŠEK, S- CHALUPA, P. Chronic Hepatitis C Virus Infection Modulates the Transcriptional Profiles of CD4+ T Cells. *Canadian Journal of Infectious Diseases and Medical Microbiology*. 2021, 6689834. ISSN 1712-9532. IF = 2.585 (2021)

HRDINOVÁ, T - TOMAN, O - DRESLER, J - KLIMENTOVÁ, J - ŠALOVSKÁ, B - PAJER, P - **BARTOŠ, O** et al. Exosomes released by imatinib-resistant K562 cells contain specific membrane markers, IFITM3, CD146 and CD36 and increase the survival of imatinib-

sensitive cells in the presence of imatinib. *International Journal of Oncology*. 2021, **58**(2), 238-250. ISSN 1019-6439. IF = 5.884 (2021)

MALIŠOVÁ, L - JEŽEK, P - DRESLER, J - CHMEL, M - ŠPANĚLOVÁ, P - MUSÍLEK, M - ŠAFRÁNKOVÁ, R - ŽEMLIČKOVÁ, H. Corynebacterium sp. isolated from blood culture of a bacteremic patient. Will the assumptions about a new corynebacterium be confirmed?. *Epidemiologie, mikrobiologie, imunologie*. 2021, **70**(4), 285-290. ISSN 1210-7913. IF = 0.500 (2021)

2020

HOLUB, M - STRÁNÍKOVÁ, A - CHALUPA, P - ARIENTOVÁ, S- ROUBALOVÁ, K - BERAN, O. Frequent Recurrences of Genital Herpes Are Associated with Enhanced Systemic HSV-Specific T Cell Response. *Canadian Journal of Infectious Diseases and Medical Microbiology*. 2020, 5640960. ISSN 1712-9532. IF = 2.471 (2020)

BARTOVSKÁ, Z - ZLÁMAL, M - JANSKÁ, P - HOLUB, M. Pre-exposure prophylaxis, a new approach for HIV prevention: experience from the HIV Center of the Military University Hospital Prague. *Epidemiologie, mikrobiologie, imunologie*. 2020, **69**(1), 38-41. ISSN 1210-7913. IF = 0.444 (2020)

BARTOVSKÁ, Z - ANDRLE, F - BERAN, O - ZLÁMAL, M - ŘEZÁČ, D - MURÍNOVÁ, I - HOLUB, M. Data z první vlny epidemie covidu-19 z ÚVN Praha. *Epidemiologie, mikrobiologie, imunologie*. 2020, **69**(4), 164-171. ISSN 1210-7913. IF = 0.444 (2020)

2019

BARTÁKOVÁ, E - ŠTEFAN, M - STRÁNÍKOVÁ, A - POSPISOLOVA, L - ARIENTOVÁ, S - BERAN, O - BLAHUTOVA, M - MÁCA, J - HOLUB, M. Calprotectin and calgranulin C serum levels in bacterial sepsis. *Diagnostic Microbiology and Infectious Disease*. 2019, **93**(3), 219-226. ISSN 0732-8893. IF = 2.499 (2019)

HOLUB, M - BARTÁKOVÁ, E - STRÁNÍKOVÁ, A - KOBLIHOVÁ, E - ARIENTOVÁ, S - BLAHUTOVA, M - MACA, J - RYSKA, M. Calprotectin and Calgranulin C as Biomarkers of Pancreatic Tumors: Baseline Levels and Level Changes after Surgery. *Mediators of Inflammation*. 2019, IF = 3.758 (2019)

ARIENTOVÁ, S - BERAN, O - CHALUPA, P- KOŘÍNKOVÁ, M. - HOLUB, M. Antithrombin as a marker of severe acute hepatitis B. *Indian Journal of Gastroenterology*. 2019, **38**(2), 143-149. ISSN 0254-8860. IF = 2.000 (2022)

DRESLER, J - KLIMENTOVA, J - PAJER, P - SALOVSKA, B - MYSLIVCOVA FUCIKOVA, A - CHMEL, M - SCHMOOCK, G - NEUBAUER, H - MERTENS-SCHOLZ, K. Quantitative Proteome Profiling of Coxiella burnetii Reveals Major Metabolic and Stress Differences Under Axenic and Cell Culture Cultivation. *Frontiers in Microbiology*. 2019, **10**(September), 2022. ISSN 1664-302X. IF = 4.236 (2019)