

**Publications of Department of Biochemistry and Molecular Biology
in 2022**

1. Szénási, T., Varga, A., Hajas, G., Tóth, M., **Czimmerer, Z.**, Bácsi, A.: "Trained" immunitás: memória kialakulása a veleszületett immunválaszok során.
Immunol. Szle. 14 (1), 15-21, 2022.
2. Szénási, T., Varga, A., Tóth, M., Hajas, G., Muzsai, S., **Czimmerer, Z.**, Bácsi, A.: A BCG-oltás és a koronavírus-fertőzés immunológiai kapcsolata.
Immunol. Szle. 14 (1), 23-29, 2022.
3. **Székvölgyi, L.**: A máj biokémiája: bevezetés.
4. Csaba, B., **Fésüs, L.**, Muszbek, L., Sipka, S.: Kesztyűs Lóránd kórélettan professzor, az 1951-ben függetlenné vált Debreceni Orvostudományi Egyetemnek dékánként első vezetője, majd kétszer (1959-1963, 1967-1973) annak rektora.
Gerundium. 13 (3-4), 22-53, 2022.
5. **Fésüs, L.**: Kettesy Aladár szemészprofesszor, a Debreceni Tudományegyetem 1949-50. tanévi rector magnificusa.
Gerundium. 13 (1-2), 3-21, 2022.
6. Patsalos, A., Halász, L., Medina-Serpas, M., Berger, W., Dániel, B., **Tzerpos, P., Kiss, M., Nagy, G.**, Fischer, C., Simándi, Z., **Varga, T., Nagy, L.**: A growth factor-expressing macrophage subpopulation orchestrates regenerative inflammation via GDF-15.
J. Exp. Med. 219 (1), 1-38, 2022.
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7. Göczi, L., Csumita, M., Horváth, A., **Nagy, G., Póliska, S.**, Pigni, M., Thelemann, C., Dániel, B., Mianesaz, H., Varga, T., Sen, K., Raghav, S., Schoggins, J., **Nagy, L.**, Acha-Orbea, H., Meissner, F., Reith, W., Széles, L.: A Multi-Omics Approach Reveals Features That Permit Robust and Widespread Regulation of IFN-Inducible Antiviral Effectors.
J. Immun. 209 (10), 1930-1941, 2022.
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8. Szűcs, Z., Pinti, É., Haltrich, I., Pálné, S., **Nagy, T., Barta, E.**, Méhes, G., Bidiga, L., Török, O., Ujfalusi, A., Koczok, K., Balogh, I.: An Ultra-Rare Manifestation of an X-Linked Recessive Disorder: duchenne Muscular Dystrophy in a Female Patient.
Int. J. Mol. Sci. 23 (21), 1-15, 2022.
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9. **Jambrovics, K., Balajthy, Z.**: ATRA and ATO combination has several beneficial effects in treatment of Acute Promyelocytic Leukaemia cells.
In: 15th Molecular, Cell and Immune Biology Winter Symposium : Book of abstract, University of Debrecen, Debrecen, 25, 2022.

10. **Székvölgyi, L.:** Biochemistry of the liver: an introduction.

11. Abolhassani, H., Avcin, T., Bahceciler, N., Balashov, D., Bata, Z., Bataneant, M., Belevtsev, M., Bernatowska, E., Bidló, J., Blazsó, P., Boisson, B., Bolkov, M., Bondarenko, A., Boyarchuk, O., Bundschu, A., Casanova, J., Chernishova, L., Ciznar, P., Csürke, I., Erdős, M., Farkas, H., Fomina, D., Galal, N., Goda, V., Guner, S., Hauser, P., Ilyina, N., Iremadze, T., Iritsyan, S., Ismaili, -, Jesenak, M., Kelecic, J., Keles, S., Kindle, G., Kondratenko, I., Kostyuchenko, L., Kovzel, E., Kriván, G., Kuli, -, Kumánovics, G., Kurjane, N., Latysheva, E., Latysheva, T., Lázár, I., Markelj, G., Markovic, M., Maródi, L., Mammadova, V., Medvecz, M., **Miltner, N.**, Mironska, K., Modell, F., Modell, V., Mosdósi, B., Mukhina, A., Murdjeva, M., Múzes, G., Nabieva, U., Nasrullayeva, G., Naumova, E., Nagy, K., Ónozó, B., Orozbekova, B., Pac, M., Pagava, K., Pampura, A., Pasic, S., Petrosyan, M., Petrovic, G., Pocek, L., Prodeus, A., Reislí, I., Ress, K., Rezaei, N., Rodina, Y., Rumyantsev, A., Sciuca, S., Sediva, A., Serban, M., Sharapova, S., Shcherbina, A., Sitkaustiene, B., Snimshchikova, I., Spahiu, -, Szolnoky, M., Szűcs, G., Toplak, N., Lajszné Tóth, B., Tsyvkina, G., Tuzankina, I., Vlasova, E., Volokha, A.: Care of patients with inborn errors of immunity in thirty J Project countries between 2004 and 2021.

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PLoS One. 17 (6), 1-19, 2022.

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Sci. Rep. 12 (1), 1-17, 2022.

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15. Madarász, K., **Mótyán, J.**, Bedekovics, J., Miltényi, Z., Ujfalusi, A., Méhes, G., Mokánszki, A.: Deep Molecular and In Silico Protein Analysis of p53 Alteration in Myelodysplastic Neoplasia and Acute Myeloid Leukemia.

Cells. 11 (21), 1-23, 2022.

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16. **Mótyán, J., Kassay, N., Matúz, K., Tózsér, J.:** Different Mutation Tolerance of Lentiviral (HIV-1) and Deltaretroviral (BLV and HTLV) Protease Precursors.

Viruses-Basel. 14 (9), 1-17, 2022.

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17. **Miltner, N., Linkner, T., Ambrus, V., Al-Muffti, A.,** Ahmad, H., **Mótyán, J.,** Benkő, S., **Tózsér, J., Mahdi, M.:** Early suppression of antiviral host response and protocadherins by SARS-CoV-2 Spike protein in THP-1-derived macrophage-like cells.

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18. Nurcholis, W., Alfadzrin, R., Izzati, N., **Arianti, R., Vinnai, B.,** Sabri, F., **Kristóf, E.,** Artika, I.: Effects of Methods and Durations of Extraction on Total Flavonoid and Phenolic Contents and Antioxidant Activity of Java Cardamom (*Amomum compactum* Soland Ex Maton) Fruit.

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19. Göcz, B., Takács, S., Skrapits, K., Rumpler, É., Solymosi, N., **Póliska, S.,** Colledge, W., Hrabovszky, E., Sárvári, M.: Estrogen differentially regulates transcriptional landscapes of preoptic and arcuate kisspeptin neuron populations.

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20. **Laczik, M., Erdős, E., Ozgyin, L.,** Hevessy, Z., **Csősz, É., Kalló, G., Nagy, T., Barta, E., Póliska, S., Szatmári, I., Bálint, B.:** Extensive proteome and functional genomic profiling of variability between genetically identical human B-lymphoblastoid cells.

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21. **Guba, A., Bába, O., Tózsér, J., Csősz, É., Kalló, G.:** Fast and Sensitive Quantification of AccQ-Tag Derivatized Amino Acids and Biogenic Amines by UHPLC-UV Analysis from Complex Biological Samples.

Metabolites. 12 (3), 272, 2022.

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22. Hatos, A., Monzon, A., Tosatto, S., Piovesan, D., **Fuxreiter, M.:** FuzDB: a new phase in understanding fuzzy interactions.

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23. **Jambrovics, K.:** Immune response mechanisms in blood transfusion.

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J. Cachexia Sarcopenia Muscle. 13 (4), 1961-1973, 2022.

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25. **Shaw, A., Bartáné Tóth, B., Gyóry, F., Fésüs, L., Kristóf, E.:** Irisin stimulates the release of CXCL1 via upregulation of NFkB pathway from human neck derived differentiating adipocytes.

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32. Bozsodi, Á., **Scholtz, B., Papp, G., Sági, Z., Biczó, Á., Varga, P., Lázáry, Á.:** Potential molecular mechanism in self-renewal is associated with miRNA dysregulation in sacral chordoma: A next-generation RNA sequencing study.

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Animals (Basel). 12 (12), 1-12, 2022.

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