

Biokémiai és Molekuláris Biológiai Intézet publikációi
2023-ban

1. Csősz, É., Darula, Z., Drahos, L., Emri, M., Hunyadi-Gulyás, É., Janáky, T., Juhász, G., Kalló, G., Kékesi, K., Klement, É., Márk, L., Medzihradszky-Fölk, K., Pettkó-Szandtner, A., Révész, Á., Schlosser, G., Szabó, Z., Tóth, G., Turiák, L.: Bevezetés a proteomikába: a fehérjék korszerű vizsgálata.

Semmelweis Egyetem, Budapest, 201 p., 2023. ISBN: 9789633316009

2. Rehó, B., Fadel, L., Brázda, P., Benziane, A., Hegedűs, É., Sen, P., Gadella, T., Tóth, K., Nagy, L., Vámosi, G.: Agonist-controlled competition of RAR and VDR nuclear receptors for heterodimerization with RXR is manifested in their DNA-binding.

J. Biol. Chem. 299 (2), 1-16, 2023.

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3. Adil Ali, M., Garabuczi, É., Tarban, N., Sarang, Z.: All-trans retinoic acid and dexamethasone regulate phagocytosis-related gene expression and enhance dead cell uptake in C2C12 myoblast cells.

Sci. Rep. 13 (1), 1-8, 2023.

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4. Gönczi, M., Teixeira, J., Barrera-Vilarmau, S., Mediani, L., Antoniani, F., Nagy, T., Fehér, K., Ráduly, Z., Ambrus, V., Tózsér, J., Barta, E., Kövér, K., Csernoch, L., Carra, S., Fuxreiter, M.: Alternatively spliced exon regulates context-dependent MEF2D higher-order assembly during myogenesis.

Nat Comms. 14 1329, 2023.

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Sci. Rep. 13 (1), 1-11, 2023.

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6. Jambrovics, K., Póliska, S., Scholtz, B., Uray, I., Balajthy, Z.: ATO Increases ROS Production and Apoptosis of Cells by Enhancing Calpain-Mediated Degradation of the Cancer Survival Protein TG2.

Int. J. Mol. Sci. 24 (13), 1-11, 2023.

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7. Merzah, M., Póliska, S., Balogh, L., Sándor, J., Szász, I., Natae, S., Fiatal, S.: A Transcriptomic Analysis of Smoking-Induced Gene Expression Alterations in Coronary Artery Disease Patients.

Int. J. Mol. Sci. 24 (18), 1-14, 2023.

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8. Gruper, Y., Wolff, A., Glanz, L., Spoutil, F., Marthinussen, M., Osičková, A., Herzig, Y., Goldfarb, Y., Aranaz-Novaliches, G., Dobeš, J., Kadouri, N., Ben-Nun, O., Binyamin, A., Lavi, B., Givony, T., Khalaila, R., Gome, T., Wald, T., Mrazkova, B., Sochen, C., Besnard, M., Ben-Dor, S., Feldmesser, E., Orlova, E., Hegedűs, C., Lampé, I., Papp, T., Felszeghy, S., Sedlacek, R., Davidovich, E., Tal, N., Shouval, D., Shamir, R., Guillonneau, C., **Szondy, Z.**, Lundin, K., Osička, R., Prochazka, J., Husebye, E., Abramson, J.: Autoimmune amelogenesis imperfecta in patients with APS-1 and coeliac disease.

Nature. 624 653-662, 2023.

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9. Arianti, R., **Vinnai, B.**, Győry, F., **Guba, A.**, **Csősz, É.**, **Kristóf, E.**, **Fésüs, L.**: Availability of abundant thiamine determines efficiency of thermogenic activation in human neck area derived adipocytes.

J. Nutr. Biochem. 119 1-13, 2023.

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10. Dull, K., Lénárt, K., Dajnoki, Z., **Póliska, S.**, Uchiyama, E., Hendrik, Z., Szegedi, A., Töröcsik, D.: Barrier function-related genes and proteins have an altered expression in acne-involved skin.

J. Eur. Acad. Dermatol. Venereol. 37 (7), 1415-1425, 2023.

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11. Feró, O., Karányi, Z., **Nagy, É.**, Mosolygó, Á., Szaker, H., Csorba, T., **Székvölgyi, L.**: Coding and noncoding transcriptomes of NODULIN HOMEOBOX (NDX)-deficient *Arabidopsis* inflorescence.

Sci Data. 10 (1), 1-12, 2023.

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12. **Nokhoijav, E.**, **Guba, A.**, **Vadadokhau, U.**, **Tózsér, J.**, Győri, Z., **Kalló, G.**, **Csősz, É.**: Comparative Analysis of Amino Acid and Biogenic Amine Compositions of Fermented Grape Beverages.

Metabolites. 13 (8), 1-13, 2023.

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13. Caballero-Sánchez, N., Winn, N., Rosa Neto, J., **Nagy, L.**: Corrigendum: Editorial: Cross-talk between heterogeneous cell types in skeletal muscle: implications for glucose metabolism.

Front Endocrinol (Lausanne). 14 1-2, 2023.

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14. **Vámos, A.**, **Arianti, R.**, **Vinnai, B.**, **Alrifai, R.**, **Shaw, A.**, **Póliska, S.**, **Guba, A.**, **Csősz, É.**, Csomós, I., Mocsár, G., Lányi, C., **Balajthy, Z.**, **Fésüs, L.**, **Kristóf, E.**: Corrigendum: Human abdominal subcutaneous-derived active beige adipocytes carrying FTO rs1421085 obesity-risk alleles exert lower thermogenic capacity.

Front. Cell. Dev. Biol. 11 1-2, 2023.

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15. Gellén, G., Klement, É., Biwott, K., Schlosser, G., **Kalló, G.**, Csősz, É., Medzihradszky-Fölk, K., Bacsó, Z.: Cross-Linking Mass Spectrometry on P-Glycoprotein.
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J. Biol. Chem. 299 (9), 1-13, 2023.

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17. **Caballero-Sánchez, N.**, Winn, N., Neto, J., **Nagy, L.**: Editorial: Cross-talk between heterogeneous cell types in skeletal muscle : implications for glucose metabolism.
Front Endocrinol (Lausanne). 14 1-3, 2023.

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18. **Shaw, A.**, **Kristóf, E.**, Cereijo, R.: Editorial: Novel regulatory mechanisms behind thermogenesis of brown and beige adipocytes.

Front Endocrinol (Lausanne). 14 1-3, 2023.

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Cells. 12 (15), 1-19, 2023.

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Front. Nutr. 10 1-15, 2023.

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21. **Vámos, A.**, **Arianti, R.**, **Vinnai, B.**, **Alrifai, R.**, **Shaw, A.**, **Póliska, S.**, **Guba, A.**, **Csősz, É.**, Csomós, I., Mocsár, G., Lányi, C., **Balajthy, Z.**, **Fésüs, L.**, **Kristóf, E.**: Human Abdominal Subcutaneous-Derived Active Beige Adipocytes Carrying FTO rs1421085 Obesity-Risk Alleles Exert Lower Thermogenic Capacity.
Front. Cell. Dev. Biol. 11 1-18, 2023.

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22. Martos, R., Tar, I., Nagy, A., **Csósz, É.**, Kiss, C., **Márton, I.**: Hypercitrullination and anti-citrullinated protein antibodies in chronic apical periodontitis, a laboratory investigation. Does autoimmunity contribute to the pathogenesis?

Int. Endod. J. 56 (5), 584-592, 2023.

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23. **Miltner, N., Kalló, G., Csósz, É., Miczi, M., Nagy, T., Mahdi, M., Mótyán, J., Tőzsér, J.**: Identification of SARS-CoV-2 Main Protease (Mpro) Cleavage Sites Using Two-Dimensional Electrophoresis and In Silico Cleavage Site Prediction.

Int. J. Mol. Sci. 24 (4), 1-19, 2023.

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24. **Morales Granda, N., Toldi, V., Miczi, M., Lassoued, M., Szabó, A.**: Inhibition of mouse trypsin isoforms by SPINK1 and effect of human pancreatitis-associated mutations.

Pancreatology. 23 (4), 358-366, 2023.

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25. Takács, R., **Pólishka, S.**, Juhász, T., Barna, K., Matta, C.: Isolation of High-Quality Total RNA from Small Animal Articular Cartilage for Next-Generation Sequencing.

Current Protocols. 3 (3), 1-18, 2023.

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26. Kotmayer, L., László, T., Mikala, G., Kiss, R., Lévay, L., Hegyi, L., Gróf, S., **Nagy, T.**, Barna, G., Farkas, P., Weisinger, J., Nagy, Z., Balogh, A., Masszi, T., Demeter, J., Sulák, A., Kohl, Z., Alizadeh, H., Egyed, M., Pettendi, P., Gergely, L., Plander, M., Pauker, Z., Masszi, A., Matolcsy, A., Szász, R., Bödör, C., Alpár, D.: Landscape of BCL2 Resistance Mutations in a Real-World Cohort of Patients with Relapsed/Refractory Chronic Lymphocytic Leukemia Treated with Venetoclax.

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Cell Death Dis. 14 (10), 706, 2023.

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Brain, Behavior, & Immunity - Health. 28 1-15, 2023.

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Mol. Cell. 83 (1), 121-138, 2023.

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Frontiers Media, Lausanne, 139 p., 2023. ISBN: 9782832534007

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Acta Microbiol. Immunol. Hung. 70 (Supplement-1), 58, 2023.

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36. Jankó, L., Tóth, E., **Laczik, M.**, Rauch, B., Janka, E., **Bálint, B.**, Bai, P.: PARP2 poly(ADP-ribosyl)ates nuclear factor erythroid 2-related factor 2 (NRF2) affecting NRF2 subcellular localization.

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Összesített Impakt Faktor: 306.2