

**Publications of Department of Biochemistry and Molecular Biology
in 2017**

1. **Szondy Z, Pallai A:** Transmembrane TNF-alpha reverse signaling leading to TGF-beta production is selectively activated by TNF targeting molecules: Therapeutic implications.
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PubMed: PMID: 27884734
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3. **Gaál Z, Oláh É, Rejtő L, Bálint BL, Csernoch L:** Expression Levels of Warburg-Effect Related microRNAs Correlate with each Other and that of Histone Deacetylase Enzymes in Adult Hematological Malignancies with Emphasis on Acute Myeloid Leukemia.
Pathol Oncol Res. 2017 Jan;23(1):207-216. doi: 10.1007/s12253-016-0151-9.
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4. **Takacs E, Boto P, Simo E, Csuth TI, Toth BM, Raveh-Amit H, Pap A, Kovács EG, Kobilak J, Benkő S, Dinnyes A, Szatmari I:** Immunogenic Dendritic Cell Generation from Pluripotent Stem Cells by Ectopic Expression of Runx3.
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5. **Miskei M, Antal C, Fuxreiter M:** FuzDB: database of fuzzy complexes, a tool to develop stochastic structure-function relationships for protein complexes and higher-order assemblies.
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J Neurol Surg A Cent Eur Neurosurg. 2017 Jan;78(1):12-19. doi: 10.1055/s-0036-1584920. PubMed: PMID: 27529670
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8. *Csósz É, Deák E, Kalló G, Csutak A, Tózsér J*: Diabetic retinopathy: Proteomic approaches to help the differential diagnosis and to understand the underlying molecular mechanisms.
J Proteomics. 2017 Jan 6;150:351-358. doi: 10.1016/j.jprot.2016.06.034.
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9. *Kiss M, Czimmerer Z, Nagy G, Bieniasz-Krzywiec P, Ehling M, Pap A, Poliska S, Boto P, Tzerpos P, Horvath A, Kolostyak Z, Daniel B, Szatmari I, Mazzone M, Nagy L*: Retinoid X receptor suppresses a metastasis-promoting transcriptional program in myeloid cells via a ligand-insensitive mechanism.
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12. *Szondy Z, Korponay-Szabó I, Király R, Sarang Z, Tsay GJ*: Transglutaminase 2 in human diseases.
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15. **Patsalos A, Pap A, Varga T, Trencsenyi G, Contreras GA, Garai I, Papp Z, Dezsó B, Pintye E, Nagy L.**: In situ macrophage phenotypic transition is affected by altered cellular composition prior to acute sterile muscle injury. *J Physiol.* 2017 Sep 1;595(17):5815-5842. doi: 10.1113/JP274361. Epub 2017 Aug 8. PubMed: PMID: 28714082
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16. **Horváth J, Szabó A, Tar I, Dezső B, Kiss C, Márton I, Scholtz B.**: Oral Health May Affect the Performance of mRNA-Based Saliva Biomarkers for Oral Squamous Cell Cancer. *Pathol Oncol Res.* 2017 Aug 31. doi: 10.1007/s12253-017-0296-1. [Epub ahead of print] PubMed: PMID: 28861772
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17. **Hetey S, Boros-Oláh B, Kuik-Rózsa T, Li Q, Karányi Z, Szabó Z, Roszik J, Szalóki N, Vámosi G, Tóth K, Székvölgyi L.**: Biophysical characterization of histone H3.3 K27M point mutation. *Biochem Biophys Res Commun.* 2017 Aug 26;490(3):868-875. doi: 10.1016/j.bbrc.2017.06.133. Epub 2017 Jun 21. PubMed: PMID: 28647357
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21. **Virga J, Szemcsák CD, Reményi-Puskár J, Tóth J, Hortobágyi T, Csősz É, Zahuczky G, Szivos L, Bognár L, Klekner A**: Differences in Extracellular Matrix Composition and its Role in Invasion in Primary and Secondary Intracerebral Malignancies. *Anticancer Res.* 2017 Aug;37(8):4119-4126. DOI: 10.21873/anticancer.11799
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