

## PUBLICATIONS 2021

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### ORIGINAL PUBLICATIONS

1. Aktypi, F., Papaevgeniou, N., Voutetakis, K., Chatziioannou, A., Grune, T., **Chondrogianni, N.**(2021). Network analysis in aged *C. elegans* reveals candidate regulatory genes of ageing. **Biogerontology** 22, 345–367. <https://doi.org/10.1007/s10522-021-09920-3>
2. Amerikanou, C., Dimitropoulou, E., Gioxari, A., Papada, E., Tanaini, A., Fotakis, C., **Zoumpoulakis, P.**, Kaliora, A.C.(2021). Linking the IL-17A immune response with NMR-based faecal metabolic profile in IBD patients treated with Mastiha. **Biomed. & Pharmacother.** 138. <https://doi.org/10.1016/j.biopha.2021.111535>
3. Athanasopoulou, S., Simos, D., Charalampopoulou, M., Tentolouris, N., Kokkinos, A., Bacopoulou, F., Aggelopoulou, E., Zigkiri, E., Chrousos, G.P., Darviri, C., **Gonos, E.S.**(2021). Significant improvement of stress and aging biomarkers using a novel stress management program with the cognitive restructuring method ‘Pythagorean Self-Awareness Intervention’ in patients with type 2 diabetes mellitus and healthy adults. **Mech. Ageing Dev.** 198. <https://doi.org/10.1016/j.mad.2021.111538>
4. Bacalini, M.G., Reale, A., Malavolta, M., Ciccarone, F., Moreno-Villanueva, M., Dolle, M.E.T., Jansen, E., Grune, T., **Gonos, E.S.**, Schoen, C., Bernhardt, J., Grubeck-Loebenstein, B., Sikora, E., Toussaint, O., Debacq-Chainiaux, F., Capri, M., Hervonen, A., Hurme, M., Slagboom, P.E., Breusing, N., Aversano, V., Tagliatesta, S., Franceschi, C., Blasco, M.A., Buerkle, A., Caiafa, P., Zampieri, M.(2021). Ageing affects subtelomeric DNA methylation in blood cells from a large European population enrolled in the MARK-AGE study. **GEROSCIENCE** 43, 1283–1302. <https://doi.org/10.1007/s11357-021-00347-9>
5. Baliou S, Sofopoulos M, Goulielmaki M, Spandidos DA, Ioannou P, Kyriakopoulos AM, **Zoumpourlis V.** (2021). Bromamine T, a stable active bromine compound, prevents the LPS-induced inflammatory response. **Int J Mol Med.** 47(4):37. doi: 10.3892/ijmm.2021.4870.
6. Baliou, S., Goulielmaki, M., Ioannou, P., Cheimonidi, C., Trougkos, I.P., Nagl, M., Kyriakopoulos, A.M., **Zoumpourlis, V.**(2021). Bromamine T (BAT) Exerts Stronger Anti-Cancer Properties than Taurine (Tau). **Cancers (Basel).** 13. <https://doi.org/10.3390/cancers13020182>
7. Berdiel-Acer, M., Maia, A., Hristova, Z., Borgoni, S., Vetter, M., Burmester, S., Becki, C., Michels, B., Abnaof, K., Binenbaum, I., Bethmann, D., **Chatziioannou, A.**, Hasmann, M., Thomssen, C., Espinet, E., Wiemann, S.(2021). Stromal NRG1 in luminal breast cancer defines pro-fibrotic and migratory cancer-associated fibroblasts. **Oncogene** 40, 2651–2666. <https://doi.org/10.1038/s41388-021-01719-3>
8. Bereketoglu, C., Modig, C., Pradhan, A., Andersson, P.L., Stasinopoulou, S., **Mitsiou, D.J., Alexis, M.N.**, Olsson, P.-E.(2021). The brominated flame retardants TBECH and DPTE alter prostate growth, histology and gene expression patterns in the mouse. **Reprod. Toxicol.** 102, 43–55. <https://doi.org/10.1016/j.reprotox.2021.04.002>

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17. Gkikas, D., **Stellas, D.**, Polissidis, A., Manolakou, T., Kokotou, M.G., Kokotos, G., Politis, P.K.(2021). Nuclear receptor NR5A2 negatively regulates cell proliferation and tumor growth in nervous system malignancies. **Proc. Natl. Acad. Sci. U. S. A.** *118*. <https://doi.org/10.1073/pnas.2015243118> | 1of12
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25. Lambrinidis, G., Gouedard, C., Stasinopoulou, S., Angelopoulou, A., Ganou, V., Meligova, A.K., **Mitsiou, D.J.**, Marakos, P., Pouli, N., Mikros, E., **Alexis, M.N.**(2021). Design, synthesis, and biological evaluation of new raloxifene analogues of improved antagonist activity and endometrial safety. **Bioorg. Chem.** *106*. <https://doi.org/10.1016/j.bioorg.2020.104482>

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29. Magoulas, G.E., Kalopetridou, L., Ciric, A., Kritsi, E., Kouka, P., Zoumpoulakis, P., **Chondrogianni, N.**, Sokovic, M., **Prousis, K.C.**, **Calogeropoulou, T.** (2021). Synthesis, biological evaluation and QSAR studies of new thieno [{}2,3-d] pyrimidin-4(3H)-one derivatives as antimicrobial and antifungal agents. **Bioorg. Chem.** 106.  
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## ABSTRACT IN PROCEEDINGS

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