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Publications

Journals

- Seyed Ali Karimifard, Ali Salehzadeh-Yazdi, Reza Taghizadeh-Tabarsi, Shiva Akbari-Birgani, "Mechanical effects modulate drug resistance in MCF-7-derived organoids: Insights into the wnt/β-catenin pathway", Biochemical and Biophysical Research Communications, 2024, doi: <u>https://doi.org/10.1016/j.bbrc.2023.149420</u>
- Sevda Zaki-Germi, Reza Taghizadeh-Tabarsi, Shiva Akbari-Birgani, Hamideh Aghahosseini, Nasser Nikfarjam, "Propolis polyphenol nanosheet for synergistic cancer chemophotothermal therapy", Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2024, doi: <u>10.1016/j.colsurfa.2024.134262</u>
- Farzaneh Falahi, Shiva Akbari-Birgani, Yousef Mortazavi & Behrooz Johari, "Caspase-9 suppresses metastatic behavior of MDA-MB-231 cells in an adaptive organoid model", Scientific Reports, 2024, doi: <u>10.1038/s41598-024-65711-z</u>
- Hakim, Fatemeh and Kazemiraad, Cyrus and Akbari-Birgani, Shiva and Abdollahpour, Daryoush and Mohammadi, Saeed, "Caspase-9-mediated cleavage of vimentin attenuates the aggressiveness of leukemic NB4 cells", Molecular and cellular biochemistry, Vol. 13, NO. 2, 2023
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- Soheila Mohammadi, Shiva Akbari-Birgani, Nasser Nikfarjam, Mahsa Rasekhian, "Polyethyleneimine-decorated graphene oxide quantum dot as a carrier for suicide gene delivery to the breast cancer three-dimensional model", Journal of Drug Delivery Science and Technology, 2023, doi: <u>https://doi.org/10.1016/j.jddst.2023.104849</u>
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- Zahra Madadi, Shiva Akbari-Birgani1*, Saead Mohammadi*, Mitra Khademy, Seyed Asadollah Mousavi, "The Effect of Caspase-9 in the Differentiation of SH-SY5Y Cells", European Journal of Pharmacology, Vol. 904, NO. 174138, 4, 2021, doi:



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