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Photo

Academic achievement	Ph.D.
Employment and Teaching Experience	Genetic microbiology Molecular biology Cell biology fungal
Education	
Publications	1. Using magnetic mesoporous silica nanoparticles armed with EpCAM aptamer as an efficient platform for specific delivery of 5-fluorouracil to colorectal cancer cells Published: Jan 2023 in Frontiers in Bioengineering and Biotechnology DOI: 10.3389/FBIOE.2022.1095837 2. Investigating the effects of two novel 4-MMPB analogs as potent lipoxygenase inhibitors for prostate cancer treatment Published: May

2021 in Journal of Biological Research-Thessaloniki DOI:

10.1186/S40709-021-00141-W

3. Prognostic and Clinical Value of CD44 and CD133 in Esophageal Cancer: A Systematic Review and Meta-analysis Published: Apr 2020 in Iranian Journal of Allergy, Asthma and Immunology DOI:

10.18502/IJAAI.V19I2.2756.

4. The Cytotoxic Effects of Thymol as the Major Component of *Trachyspermum ammi* on Breast Cancer (MCF-7) Cells Published: 2019 in Pharmaceutical Chemistry Journal DOI: 10.1007/S11094-019-01961-W.

5. The Risks of Stem Cell Transplantation for Thalassemia Patients Aseel Kamil Mohammed Al Mosawi , Sarah Kadhim Al-Rahimy, Rana Abdul Hamza Al-qarraawi, Department of Biology, College of Sciences, University of Kerbala, Kerbala, Iraq,2023. Journal of Natural and Medical Education.

6. Prevalence of Bacteria in Patients with Otitis Media at Thi-Qar Province. BJ ALBadry, AK Al-Mosawi - Journal of Univesity of ..., 2023 - search.ebscohost.com.

7. The importance of the CD133 marker in predicting esophageal cancer DKM Al-Mosawi, AKM Al-Mosawi, MAS Issa - faunajournal.com.

8. Comparison of Water Quality in the Don River Pool, Russia, During 2011-2012 MAB AL-Ghizzi, AKM Al-Mosawi - Journal of Science in ..., 2024 - journals.proindex.uz.

9. Identification of genes related to ribosomal proteins in colorectal cancer: exploring their potential as biomarkers, prognostic indicators, and therapeutic targets, AK Mohammad Al-Mosawi, DK Al-Moussawi... - Molecular Biology ..., 2024 – Springer.

10. A Biological Perspective on the role of miR-206 in Colorectal cancer. Oryani, M. A., Al-Mosawi, A. K. M., Javid, H., Tajaldini, M., & Karimi-Shahri, M. (2025) *Gene*, 149552.

11. Comparison of Water Quality in the Don River Pool, Russia, During 2011-2012 AL-Ghizzi, M. A. B., & Al-Mosawi, A. K. M. (2024)..

Journal of Science in Volume, 2(3).

12. Effects of Disinfectants on Bacteria Isolated from the Hospital Environments .Hind Abdallah Salih¹, Duaa Kamel Al-Moussawi, Aseel Kamil Mohammad Al-Mosawi.

13. Bioactivity of natural extracts of cladophora glomerata collected from the Euphrates River in Southern Iraq's Thi Qar, near Nasiriya Ibrahim, Z. M., Naji, W. A., & Al-Mosawi, A. K. M. (2025, November).. In AIP Conference Proceedings (Vol. 3395, No. 1, p. 040010). AIP Publishing LLC.