

**Libyan Biotechnology Research Center**  
**Publications 2023**

1. Mohammed Saleh, Rajab Saeid, Nadir Nabous (2022). **A Review Paper on Trauma Scoring Systems including Artificial Intelligence Techniques.** Academy journal for Basic and Applied Sciences, (AJBAS) 4: 3.
  2. Hassan S.A. Zidan. (2022). **The Effect of Human Resource Management Practices on Employee's Job Satisfaction: The fertilizer industry of Libya.** Rwaq Alhkma Az-Zawiya University, Twelfth Issue (12), 4 December 2022.
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1. Inas Alhudiri, Zakarya Abusrewil, Omran Dakhil, Mosab Ali Zwaik, Mohammed Ammar Awn, Mwada Jallul, Aimen Ibrahim Ahmed, Rasha Abugrara, Adam Elzagheid (2023). **Impact of vaccination and risk factors on COVID-19 mortality amid delta wave in Libya: a single centre cohort study.** Preprint in medrxiv and Europe PMC.
  2. Eanas Elmaihub, Inas Alhudiri, Adam Elzagheid, Fakria Elfagi, Elham Hassen (2023). **Prediction of BRCA1 and BRCA2 mutations by the BODICEA and BRCAPRO models and NCCN criteria in Libyan breast cancer women.** Doi: <https://doi.org/10.1101/2023.01.20.23284677>
  3. Mohamed Abdulsammad, Fawzi Ebrahim, Salah Tabal, Sedigh Bashir (2023). **Evaluation of the SARAS- Cov-2 Antibody response to the Sputnik Vaccine in previous infected patients and non-infected one .**Al-Mukhtar Journal of Sciences, Omar Al-Mukhtar University.

4. Fawzi Ibrahim, Asma Alboueishi, Salah Altabal, Yossra Lamami, Samira Aldwigen, Sondos Ashleb, Noha Aljenfawi, Mohamed Milad, Hayat Rahouah, Salah Edin Elmeshri, Inas Alhudiri, Adam Elzghied (2023). **Single ChAdOx1 nCoV-19 dose elicits stronger immune response in previously infected individuals than in SARS-CoV2 naive persons**. Submitted to Journal of Viral Immunology.
5. الأثار البيئية لجائحة فيروس كورونا على العالم. (2023). إيناس سلامة، ريم الفاسي، سناء الترهوني. *المجلة الليبية لعلوم وتكنولوجيا البيئة*، 1 – 6.
6. Ruiz-Fresneda, M.A., Fernández-Cantos, M.V., Gómez-Bolívar, J., Eswayah, A.S., Gardiner, P.H., Pinel-Cabello, M., Solari, P.L. and Merroun, M.L. (2023). **Combined bioreduction and volatilization of SeVI by *Stenotrophomonas bentonitica*: Formation of trigonal selenium nanorods and methylated species**. Science of the Total Environment.
7. Inas M. Alhudiri, Saad R. Saad, Zakarya Abusrewil, Asel O. Amer, Salah Edin El Meshri, Mohamed Nasir Bin Abdallah, Mohamed M. Elghazal, Mohamed H. Said, Fawzi O. Ebrahim, Mohamed S. Abusanina, Mohammed Ben Elfghi, Mohamed M. Abdusalam, Adam Elzagheid (2023). **A Preliminary Study on the Frequency of Influenza Infections during the Early 2022 Amid COVID-19 Epidemic in Libya**. *Ibnosina Journal of Medicine and Biomedical Sciences*,
8. Wanisa Abdussalam-Mohammed, Laila Mohamed, Mohammed S. Abraheem, Mohmeed M.A Mansour and Akram Mansour Sherif. (2023). **Biofabrication of Silver Nanoparticles Using Teucrium Apollinis Extract: Characterization, Stability, and Their Antibacterial Activities**. *Chemistry*, 5(1), 54-64;
9. Noaman Enfeshi, Elshaybani Abdulali, Mustafa Salama, Zaineb Geath, Ahmed Shaaban, Elmundr Abughnia and Zuhear Ben saad (2023). **Effect of**

silver nitrate ( $\text{AgNO}_3$ ) and copper sulfate ( $\text{CuSO}_4$ ) on callus formation and plant regeneration from two pepper varieties (Chile Ancho and Misraty) *in vitro*. Scientific Journal for the Faculty of Science-Sirte University.

10. Farag Abu Drehiba, Abubaker Edkymish, Abdurrazzaq Braydan, Otman Ermithi, Mohamed Mukhtar and Elmundr Abughnia (2023). *Phytoremediation of Crude Oil-Polluted Soil by Maize (*Zea mays*) and Sunflower (*Helianthus annuus*)*. Scientific Journal for the Faculty of Science-Sirte University.
11. Ghada Elrgaihy, Adel Elmaghrabi, Said Abojreeda, Huda Abughnia and Elmundr Abughnia (2023). *Assessment of the Cytological and Chemical Changes of Some Varieties of Potato Tissues (*Solanum tuberosum* L.) under Salt Stress*. Scientific Journal for the Faculty of Science-Sirte University.
12. Mohamed Elghazal, Inas M Alhudiri, Mohamed Said, Eiman Elhouderi, and Adam Elzagheid (2023). *Myopericarditis after BNT162b2 mRNA Vaccination with Incidental Intramyocardial Bridging*. Cureus. 15(1): e34452.
13. Asma Elramli, Siham Agouri, Rafeia Almoghraby, Abdulrahman Akarem, Hafsa Alemam (2023). *Prevalence of multidrug resistance bacteria in intensive care units and Operation Theater at different hospitals in Libya*. AlQalam Journal of Medical and Applied Sciences, 6(sup) eLICMAS.
14. Mohamed Elfil, Abdrazzaq Elfahem, Zinab Awena, Zinab Aldaikh, Entisar Nasr (2023). *In Vitro Propagation of Two Tomato Hybrids (*Lycopersicon esculentum* Mill.) Via Tissue Culture Technique*. American Journal of Agricultural Science, Engineering, and Technology (AJASET), 7(3) 1-4.
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  19. Asma Elramli, Rafeia Almoghraby, Siham Agouri, Abedurrhman Akarem, Hafsa Alemam (2023). **Comparative Study of Microbial Environmental Contamination in the Intensive Care Units and Operation Theatres in Libya.** AlQalam Journal of Medical and Applied Sciences (AJMAS). 2023; 6 (Supp1): eLICMAS
  20. Salah Altwanesy, Abadalfth Abokridighah (2023). **Bacteriological Study of Raw Milk at different Milk Collection Centers in Libya.** AlQalam Journal of Medical and Applied Sciences (AJMAS). 2023; 6 (Supp1): eLICMAS