



Akram Abu-Okail

Name: **Akram Ibrahim Mohamed Ibrahim Abu-Okail**

Researcher

M.Sc. in Laboratory Diagnosis (Clinical Pathology)

I am interested in joint research projects on molecular biology & clinical pathology.

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EDUCATION

09.2004 - 07.2009

College Of Veterinary Medicine, Assiut University, Egypt

Bachelor of Veterinary Medicine

01.2011 - 01.2012

College Of Veterinary Medicine, Assiut University, Egypt

Diploma of Veterinary General Surgery

10.2017 - 11.2022

College Of Veterinary Medicine, Qassim University, Saudi Arabia

M.Sc. in Laboratory Diagnosis " Clinical Pathology "

EXPERIENCE

01.2010 - 10.2019

Healthcare, Medical Laboratory Supplies

Marketing Specialist

11.2019 - present

Healthcare, Medical Laboratory Supplies

Sales & Marketing Manager

09.2017 - present

Department Of Pathology And Laboratory Diagnosis, College of Veterinary Medicine, Qassim University

Graduate Research Student, Master of Science in Laboratory Diagnostics " Clinical Pathology "

SKILLS

- Statistical Analysis Using SPSS
- Laboratory Animals Handling
- Use of Microtome, Cryostat & Ultramicrotome
- Histopathology
- Serodiagnostic Tests (ELISA, AGPT, CFT, PHA,)
- Microsoft Office & Image Analysis

MEMBERSHIP

- Member of The American Society for Clinical Pathology (ASCP); ID: 25875452

PUBLICATIONS

- Elbehiry, A.; Marzouk, E.; Aldubaib, M.; Abalkhail, A.; Anagreyah, S.; Anajirih, N.; Almuzaini, A.M.; Rawway, M.; Alfadhel, A.; Draz, A.; **Abu-Okail, A.** Helicobacter pylori Infection: Current Status and Future Prospects on Diagnostic, Therapeutic and Control Challenges. **Antibiotics** **2023**, 12, 191. doi: 10.3390/antibiotics12020191
- Elbehiry, A.; Abalkhail, A.; Marzouk, E.; Elmanssury, A.E.; Almuzaini, A.M.; Alfheaid, H.; Alshahrani, M.T.; Huraysh, N.; Ibrahim, M.; Alzaben, F.; Alanazi, F.; Alzaben, M.; Anagreyah, S.A.; Bayameen, A.M.; Draz, A.; **Abu-Okail, A.** An Overview of the Public Health Challenges in Diagnosing and Controlling Human Foodborne Pathogens. **Vaccines** **2023**, 11, 725. doi: 10.3390/vaccines11040725
- Elmahallawy EK, Gareh A, **Abu-Okail A**, Köster PC, Dashti A, Asseri J, Gouda AA, Mubarak MA, Mohamed SA-A, Mohamed YM, Hassan EA, Elgendy M, Hernández-Castro C, Bailo B, González-Barrio D, Xiao L and Carmena D (2023) Molecular characteristics and zoonotic potential of enteric protists in domestic dogs and cats in Egypt. **Front. Vet. Sci.** 10:1229151. doi: 10.3389/fvets.2023.1229151
- Elbehiry, A.; Marzouk, E.; Moussa, I.; Mushayt, Y.; Algarni, A.A.; Alrashed, O.A.; Alghamdi, K.S.; ALmutairi, N.A.; Anagreyah, S.A.; Alzahrani, A.; Almuzaini, A.M.; Alzaben, F.; Alotaibi, M.A.; Anjiria, S.A.; **Abu-Okail, A.**; Abalkhail, A. The Prevalence of Multidrug-Resistant Acinetobacter baumannii and Its Vaccination Status among Healthcare Providers. **Vaccines** **2023**, 11, 1171. doi: 10.3390/vaccines11071171
- Elbehiry, A.; Marzouk, E.; Moussa, I.; Anagreyah, S.; AlGhamdi, A.; Alqarni, A.; Aljohani, A.; Hemeg, H.A.; Almuzaini, A.M.; Alzaben, F.; Abalkhail, A.; Alsubki, R.A.; Najdi, A.; Algothani, N.; Abead, B.; Gazzaz, B.; **Abu-Okail, A.** Using Protein Fingerprinting for Identifying and Discriminating Methicillin Resistant Staphylococcus aureus Isolates from Inpatient and Outpatient Clinics. **Diagnostics** **2023**, 13, 2825. doi: 10.3390/diagnostics13172825
- Elbehiry, A., Al Shoaibi, M., Alzahrani, H. et al. Enterobacter cloacae from urinary tract infections: frequency, protein analysis, and antimicrobial resistance. **AMB Expr** 14, 17 (2024). <https://doi.org/10.1186/s13568-024-01675-7>
- Marzouk, E., Abalkhail, A., Alqahtani, J. et al. Proteome analysis, genetic characterization, and antibiotic resistance patterns of Klebsiella pneumoniae clinical isolates. **AMB Expr** 14, 54 (2024). <https://doi.org/10.1186/s13568-024-01710-7>
- Elbehiry A, Marzouk E, Abalkhail A, Sindi W, Alzahrani Y, Alhifani S, Alshehri T, Anajirih NA, ALMutairi T, Alsaedi A, Alzaben F, Alqrni A, Draz A, Almuzaini AM, Aljarallah SN, Almujaidel A and **Abu-Okail A (2025)** Pivotal role of Helicobacter pylori virulence genes in pathogenicity and vaccine development. **Front. Med.** 11:1523991. doi: 10.3389/fmed.2024.1523991
- Elbehiry A, Marzouk E, Abalkhail A, Abdelsalam MH, Mostafa MEA, Alasiri M, Ibrahim M, Ellethy AT, Almuzaini A, Aljarallah SN, **Abu-Okail A**, Marzook N, Alhadyan S and Edrees HM (2025) Detection of antimicrobial resistance via state-of-the-art technologies versus conventional methods. **Front. Microbiol.** 16:1549044. doi: 10.3389/fmicb.2025.1549044

REFERENCES

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- **Prof. Dr. Ayman Rabie Elbehiry**, Professor of Microbiology; Department of Public Health, College of Public Health and Health Informatics, Qassim University, Saudi Arabia; Phone: +966 53 220 7969; Email: ar.elbehiry@qu.edu.sa