

Dr. Taha Abdulaziz Mohammed Al-Qadi

Nationality: Jordanian

Date of Birth: April 14, 1962

Email: alqaditaha29@gmail.com | Phone: +962795180015

Orcid:<https://orcid.org/0000-0002-8387-1113>

Academic Qualifications

- Ph.D. in Animal physiology, University of Baghdad, 2003
- M.Sc. in Physiology, University of Karachi, 1987
- B.Sc. in Physiology, University of Karachi, 1987

Academic Experience

- Assistant Professor, Department of Biology, Umm AL-Qura University, 2007 – 2025
- Teacher, Ministry of Education, 1991-2006
- Lecturer, Hetten College, 1990-1991

Courses Taught

- General Biology
- Cell Biology
- Animal Physiology 1
- Endocrinology
- Animal Environment and Pollution
- Environmental Biology
- Animal Physiology 2
- Neurophysiology
- Graduate Seminar Supervision
- Vertebrates
- Animal Behavior
- Environmental Pollution
- General Anatomy
- Animal Anatomy
- Animal Biology
- Immunology
- Biotechnology
- Animal and Funa Classification

Research & Publications

- “Effect of cinnamon and statins drug on kidney and liver of rats receiving gentamicin” Archives of Physiology and Biochemistry, 2025.
- “Physiological effect of Ephedra Viridis As Antibacterial and Antidiabetic in Normal and Diabetic Rats.” African Journal of Biological Sciences (South Africa), 2024.
- “Advancements in SARS-CoV-2 detection: Navigating the molecular landscape and diagnostic technologies.” Heliyon, 2024.
- “A Comparative Study of Mitotic Index and Chromosome Aberrations in Vincristine and Doxorubicin-Treated Normal Female Mice.” International Journal of Pharmacology, 2024.
- “A Comparative Analysis of MicroRNA Expression in Mild, Moderate, and Severe COVID-19: Insights from Urine, Serum, and Nasopharyngeal Samples.” Biomolecules, 2023.
- “Physiological Effects of Fig Leaf Extract and Orlistat on Obesity, Kidney and Liver of Rats.” Pakistan Journal of Biological Sciences, 2023.
- “Effects of Celery Leaf Aqueous Extract on Fertility and Liver Enzyme in Diabetic Male Rats.” Egyptian Academic Journal of Biological Sciences B. Zoology, 2023.
- “Isolation and characterization of lactic acid bacteria with potential probiotic activity and further investigation of their activity by α -amylase and α -glucosidase inhibitions of fermented batters.” Frontiers, 2023.
- “Theoretical modeling study on preparation of nanosized drugs using supercritical-based processing: Determination of solubility of Chlorothiazide in supercritical carbon dioxide.” Journal of Molecular Liquids, 2022.
- “Phyto-Computational Intervention of Diabetes Mellitus at Multiple Stages Using Ioeugenol from Ocimum tenuiflorum: A Combination of Pharmacokinetics and Molecular Modelling Approaches.” MDPI, Molecules, 2022.

- “Inhibitory Effect of Polyphenols from the Whole Green Jackfruit Flour against α -Glucosidase, α -Amylase, Aldose Reductase and Glycation at Multiple Stages and Their Interaction: Inhibition Kinetics and Molecular Simulations.” MDPI, Molecules, 2022.
- “Physical properties and antibacterial activity of polylactic acid reinforced by halloysite nanotubes and zirconium dioxide nanoparticles against Staph.” International Journal of Mechanical Engineering, 2022.
- “A Comparative Study of The Attitudes of Science Faculty Members Towards Academic Research and Teaching in Saudi Arabia and Jordan.” Journal of Positive School Psychology, 2022.
- Eating Habits and Obesity among Jordanian University Students.” Journal of Food Science and Nutrition, 2012.
- “Effects of Rosemary (*Rosmarinus officinalis*) on Lipid Profile of Diabetic Rats.” Jordan Journal of Biological Sciences, 2011.

Scientific Activities & Committees

- Member, Student Activities Evaluation Committee in the department, Umm AL-Qura University (ALQunfudah University College).
- Member, Student Affairs Committee, Umm AL-Qura University (ALQunfudah University College).
- Coordinator, Academic Schedules Committee, Umm AL-Qura University (Adham University College).
- Member, Curriculum and Study Plans Committee, Umm AL-Qura University (Adham University College).
- Member, Quality Committee, Umm AL-Qura University (Adham University College).
- Member, General Preparation Materials Coordination Committee, Umm AL-Qura University (Adham University College).

Certifications

- ICDL- Queen Alia Center. (2004).
- Preparing the Distinguished Leader- ALQunfudah University College. (2011)
- Building Achievement Test- ALQunfudah University College. (2014)
- Developing University Teaching Strategies- ALQunfudah University College. (2012)
- Use of Computers in University Lectures- ALQunfudah University College. (2007)
- Threats to Contemporary Intellectual Security- Umm AL-Qura University. (2023)
- Educational requirements for achieving intellectual balance for university students- Umm AL-Qura University. (2023)
- Preparing a guide (programs - quality - field training)- Umm AL-Qura University. (2023)
- Emergency situations and how to deal with them, with examples from real life and the field- Umm AL-Qura University. (2024)
- How to deal with deadly poisons- Umm AL-Qura University. (2024)
- Mechanisms for designing and constructing the end-of-program test- Umm AL-Qura University. (2024).
- The roles of university professors in achieving intellectual immunity- Umm AL-Qura University. (2024).
- Formulating learning outcomes- Umm AL-Qura University. (2024).
- Learning assessment methods- Umm AL-Qura University. (2024).
- Considering individual differences in teaching and assessment methods - Umm AL-Qura University. (2024).
- Academic supervision - Umm AL-Qura University. (2024)
- Reports and tools for analyzing and monitoring student performance on Blackboard - Umm AL-Qura University. (2024)
- Study and Examination Regulations for the Undergraduate Stage- Umm AL-Qura University. (2024)
- Ethical practices in medical practice - Umm AL-Qura University. (2024).
- Measuring the institution's learning outcomes- Umm AL-Qura University. (2024).
- Program and course description forms - Umm AL-Qura University. (2024)
- Using rubrics to build meaningful assessments - Umm AL-Qura University. (2025).
- Learning Outcomes Plan and Report - Umm AL-Qura University. (2025).

- Professional ethics and statutory duties of university professors and their relationship to intellectual security - Umm AL-Qura University. (2025).
- Population Education and Positive Health – Ministry of Education and Ministry of Health. (2006).

Skills

- Academic Research and Publication.
- Scientific Writing and Editing.
- Supervision of Undergraduate and Graduate Theses.
- Bilingual: Arabic and English.
- Proficient in Microsoft Office.

Participation in Community Service

- Giving an awareness lecture entitled" Correcting Incorrect Health Practices in Society" - Umm AL-Qura University (Adham University College). (2024)
- Providing volunteer services in the Safe Return Campaign- Umm AL-Qura University (Adham University College). (2021-2022)
- Supervising the Blood Donation Campaign- Umm AL-Qura University (ALQunfudah University College). (2010)