Hawraa Ahmed Mohammed

Assistant Lecturer — Microbiology, College of Veterinary Medicine, University of Shatrah

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SPECIALIZATION

Life Sciences — Microbiology.

EDUCATION

2018	M.Sc. in Life Sciences (Microbiology), Department of Life Sciences, College of Science, University of Thi-Qar.
2012	B.Sc. in Life Sciences.

POSITIONS

Current	Assistant Lecturer, Branch of Microbiology, College of Veterinary Medicine, University of Shatrah.
Previously	Department of Medical Laboratory Technology, College of Health and Medical Technology, National University of Science and Technology, Iraq.

TEACHING

- General Biology; Immunology; Virology.

RESEARCH INTERESTS

- Microbiology; mycology (fungal infections and their diagnosis); bacteriology.
- Life sciences; environmental sciences and water quality.

PUBLICATIONS

1. Hawraa A. Mohammed, Noor al-huda M. Ali, Khansaa A. Hussein, Asawer H. Sharif. Evaluation of Microbial and Chemical Contamination in Drinking Water and the Role of Household Purification Systems in Improving Water Quality. *Sarhad Journal of Agriculture*, 42(3), 1197-1210, 2026. doi:10.17582/journal.sja/2026/42.3.1197.1210
2. Dhuha A. Athouf, Hawraa A. Mohammed, Fatima Assad Baker. A Systematic Review of Diagnostic Accuracy: Serological and Molecular Tests Compared to Culture for Invasive Fungal Infections. *Indonesian Journal of Microbiology*, 3(1), 1-19, 2026. doi:10.47134/ijm.v3i1.6038
3. Mahmood Jamal Abdulhasan, Hawraa Ahmed Mohammed, Murtadha Hasan Abed, Asawer Hasan Sharif, Baraa Jabbar Attar, Safwan Nadweh. Revolutionizing Water Management in Agriculture: A Photovoltaic Solar Irrigation Model for Sustainable Citrus Cultivation. *Indonesian Journal of Microbiology*, 2(4), 17-32, 2026. doi:10.47134/ijm.v2i4.5927

4. Mohammed Hatem Abed, Zainab Ali Shakeer, Hawraa Ahmed Mohammed. Effect of adding the Quercetin (FQ) and Quercetin-loaded-Niosomes (QLN) Nanocarriers to the tris extender on the viability and motility of goat Epididymal sperms under cryopreservation conditions. *Euphrates Journal of Agricultural Science*, 18(3), 2026 (accepted for publication).
5. Maysam Kareem Hasan, Hawraa Ahmed Mohamed. Fungal peritonitis in peritoneal dialysis patient. *Al-Qadisiyah Journal of Pure Science*, 27(2), 2022.