

Shirwan Hussein Darweesh, M. Sc.

Curriculum Vitae

Date of birth: 26/05/1992

Place of birth: Iraq

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Professional Summary

Lecturer in microbiology with experience in teaching and laboratory work in clinical and academic settings. Currently serving as Head of the Medical Microbiology Department at Cihan University – Duhok. Interested in reading and researching microbial life, antimicrobial resistance, and infectious diseases. Skilled in laboratory techniques and microbiological diagnostics, antimicrobial susceptibility testing, and microbial pathogenesis.

Education

M.Sc. in Medical Microbiology

Tokat Gaziosmanpasa University, Turkey- (2020–2022)

Thesis: Investigation of Carbapenemase Production Among *Carbapenem-Resistant Pseudomonas aeruginosa* Isolates.

B.Sc. in Medical Laboratory Sciences

College of Health Sciences, University of Duhok, Iraq – (2012-2016)

Work Experience

Lecturer & Head of Medical Microbiology Department

Cihan University–Duhok, Iraq — Sep 2022 – Present

- Teaching Medical Microbiology, Virology, Immunology, and Epidemiology of Infectious Diseases.
- Leading curriculum development and student research supervision.
- Member of University Council and Examination Committee.

Laboratory Technologist

Tokat Hospital, Tokat, Turkey — Jan 2021 – Jul 2022

- Assisted in performing diagnostic laboratory tests
- Assisted in microbiological research and antimicrobial resistance testing

Health Trainer and Team Leader

Zhiyan Health Organization, Erbil, Iraq — Jun 2017 – Feb 2019

- Led health awareness campaigns and community training sessions.
- Designed and delivered educational materials on public health and hygiene.

Technical & Professional Skills

Technical Skills

- Microbial identification techniques
- Antimicrobial susceptibility testing
- Phenotyping and genotyping approaches

Professional Skills

- Academic instruction and curriculum design
- Communication and scientific writing
- Leadership and team management
- Research coordination and data analysis

Certifications & Trainings

- **The art and science of research** – University of Zakho (11/08/2024 – 14/08/2024)
- **Pedagogical Training for Teacher Professional Development** - University of Duhok, Iraq (31/05/2023 – 30/11/2023)
- **How to write and Publish Articles in the International and Reputable Journals** - Knowledge University, (13/06/2021 – 22/06/2021)
- **Scientific Training on the Bologna Process and the European Higher Education Area** - Knowledge University, (28/4/2021 – 23/5/2021)

Academic Information

Google Scholar

<https://scholar.google.com/citations?user=2DZwyW4AAAAJ&hl=en> **ORCID**

<https://orcid.org/0000-0002-1950-313X>

Cihan University-Duhok (Staff Portal)

<https://staffportal.duhokcihan.edu.krd/shirwan.darweesh>

ResearchGate <https://www.researchgate.net/profile/Shirwan->

Darweesh-2 LinkedIn <https://www.linkedin.com/in/shirwan-hussein-darweesh-15abb224b/>

Publications

1. Hussein Darweesh, S., Gabrael Saadi, D., & Bardan Abdullah Duhok, P. (n.d.). Association Between Microscopic Urinalysis Findings and Urine Culture Results Among Female Patients with Suspected Urinary Tract Infection. Sebha University Journal of Medical Sciences, 21(2), 2026. <https://www.sebhau.edu.ly/journal/joms/article/view/4886>
2. Saadi, D. G., & Darweesh, S. H. (2026). Incidence of Aflatoxins and Aflatoxigenic Fungi in Poultry Feed Using Elisa Technique in Duhok Province. Scientia Africana, 25(1), 235–242. <https://doi.org/10.4314/sa.v25i1.18>
3. Abdullah, P., Darweesh, S., & Haydar, S. (2025). Molecular Detection of hpmA Gene in Proteus mirabilis Isolates and its Association with Inflammatory Biomarkers among Rheumatoid Arthritis Patients. Journal of Life and Bio Sciences Research , 6(01), 21 - 25. <https://doi.org/10.38094/jlbr601144>
4. Darweesh, S. H., & Şay Coşkun, U. (2024). Investigation of Carbapenemase Production Among Carbapenem-Resistant Pseudomonas aeruginosa Isolates. Harran Üniversitesi Tıp Fakültesi Dergisi, 21(1), 31-35. <https://doi.org/10.35440/hutfd.1404926>
5. Ibrahim, h. R., Darweesh, s. H., Ahmed, I. K., & Jasim, K. H. (2023). Patterns of urinary biomarkers and blood immunological markers of patients with urinary tract infections. Journal of Duhok university, 26(1), 130-138. <https://doi.org/10.26682/sjuod.2023.26.1.13>

Languages

- Kurdish: Native
- Arabic: Intermediate
- English: Advanced (C1)
- Turkish: Intermediate (B1)

References

Available upon request