

Unzish Qamar

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Date of Birth: 19-04-1999

OBJECTIVE

Dedicated and research-oriented microbiologist with strong academic and teaching credentials, currently pursuing a Ph.D. in Microbiology and Molecular Genetics. Possess hands-on experience in Microbiological techniques, Molecular diagnostics, and Nano-biotechnology. Seeking to contribute my expertise in microbiology, laboratory research, and academic instruction to a progressive institution focused on advancing scientific education and research in life sciences.

SKILLS

- Expertise in microbiology, immunology, endocrinology, epidemiology, and molecular biology.
- Proficient in laboratory techniques: microbial culture, sterilization, staining, microscopy, and assays.
- Knowledgeable in biosafety, microbial control, and eco-friendly nanotechnology.
- Skilled in sequence and data analysis
- Research writing, data interpretation, and presentation abilities.
- Proficient in Microsoft Office (Word, Excel, PowerPoint).
- Strong organizational, time-management, and teamwork skills.
- Multilingual: English, Urdu, Punjabi.

EDUCATION

Ph.D-MMG (Microbiology and Molecular Genetics) WUM (The Women University Multan) Course Work Completed	2022-in process
M.Phil-MMG (Microbiology and Molecular Genetics) WUM (The Women University Multan) CGPA: 3.75/4 Thesis Title : In-vivo and in-vitro evaluation of biogenic nanoparticles from <i>Spinacia oleracea</i>	2020 -2022
BS-MMG (Microbiology and Molecular Genetics) WUM (The Women University Multan) CGPA: 3.45/4	2016 –2020
F.Sc (Pre-Medical) Punjab Groups of Colleges Multan Marks: 815/1100 Percentage: 74%	2014-2016
Matriculation (Science Group) Zakariya Public School Multan Marks: 879/1100 Percentage: 79.9%	2012-2014

WORK EXPERIENCE

Farrukh Mukhtar College of Nursing

Mukhtar A. Sheikh Hospital Multan)

Position: Microbiology Instructor

July 2023-till date

KAIMS International Institute Multan

Department of Medical Laboratory Technology

Position: Visiting Faculty Member

April 2025-July 2025

June 2024- October 2024

Muhammad Nawaz Sharif University of Agriculture Multan

(Department of Pathobiology)

Position: Visiting Faculty Member

Sep 2022-June2023

PUBLICATIONS

- Khan, H. R., Faheem, H. M., **Qamar, U.**, Asim, I., Afzal, I., & Yasmeen, H. (2026). Bioethical challenges in the era of precision medicine. In *The Gut Microbiome in Precision Medicine* (pp. 825-845). Academic Press.
- Noor, M., Tariq, I., Raza, R., Saeed, S., **Qamar, U.**, Sharif, H., ul Ain, Q., Manzoor, I., Safdar, A., & Bibi, M. (2025). *Inquisition of Mycobacterium bovis in cattle and its critiques*. In *Animal Health and Disease Management* (Vol. 2). Pioneer Page Publishers.
- Noor, M., Akbar, M. B., Peerzada, S. M. S., Khan, S., Mengal, S., Shabeer, S., Batool, F., **Qamar, U.**, Bibi, M., & Usman, M. (2025). Innovative approach for combating MDR pathogens by *Ficus carica* AgNPs extract. *Pak-Euro Journal of Medical and Life Sciences*, 8(2), 419–426.
- Khan, H. R., Yasmeen, H., Tahir, M. A., Kiani, A. F., Munir, I., **Qamar, U.**, Janaid, S., & Mahmood, S. (2025). Biofunctional and ecotoxicological assessment of *Rosa indica* derived nitrogen-doped carbon dots: A new frontier for sustainable nanomaterials. *Biocatalysis and Agricultural Biotechnology*, 59, 103744.
- Bibi, S., Saeed, S., Iqbal, A., Tareen, A., **Qamar, U.**, & Javaid, A. (2025). Pre-dominance of Delta variant among unvaccinated and vaccinated individuals in Multan region. *Journal of Medical & Health Sciences Review*, 2(2).
- Faheem, H. M., **Qamar, U.**, Shahid, H., Khan, H. R., & Yasmeen, H. (2025). Integrating nanotechnology and biotechnology into sustainable solutions in healthcare. In *Nanobiotech in Holistic Health* (pp. 24–32). Unique Scientific Publishers.
- Noor, M., **Qamar, U.**, Sharif, H., Aiman, T., Saeed, S., Saeed, M. T., Qayyum, U., Tariq, I., Khanam, M., & Rafiq, S. (2025). Genetic engineering and its implications for biosecurity: Risk assessment and management. In *One Health Horizons* (pp. 280–289). Unique Scientific Publishers.

CERTIFICATIONS

- Workshop on Assessment that Matters: types and Application
- Three Days Workshop On Research Methodologies
- Methodology & MCQs Construction Workshop by Farrukh Mukhtar College of Nursing
- Certificate of appreciation by Farrukh Mukhtar College of Nursing
- Basics of Biosafety and Biosecurity – One Day Training
- **1st Position** in Poster Competition – International Congress on Biotech Solutions for Sustainability

- Biosecurity Awareness Raising Training for Postgraduate Research Students in Multan
- International Symposium on Recent Trends in Antimicrobial Resistance
- International Conference on Emerging Trends and Technologies in Microbiology and Molecular Genetics