

ZOHA WAHEED ABBASI



PERSONAL DETAILS

Dk734/8 Aurangzeb street #02 Dhoke Kashmirian RWP, 46000 Rawalpindi
zohaabbasi78@gmail.com, +923185052613
Date of birth: November 26, 1998

EDUCATION

MS Microbiology and Immunology National University of Medical Sciences, Rawalpindi	Aug 2023 – Sep 2025
BS Medical Lab Technology Shifa Tameer-e-Millat University, Islamabad	Jan 2019 – Feb 2023
F.Sc Pre Medical Punjab College for Women, Rawalpindi	Aug 2015 – Jul 2018
Matric New Siddeeq Public Montesori and High School, Rawalpindi	Mar 2013 – Mar 2015

EMPLOYMENT

Researcher National University of Medical Sciences, Rawalpindi	Sep 2023 – Sep 2025
Conducted bacterial isolation, DNA extraction, and co-culture assays, followed by whole-genome and resistome analysis using bioinformatics tools	
Internee Quaid-e-Azam International Hospital, Rawalpindi	Jun 2022 – Aug 2022
- Gained hands-on training in phlebotomy, clinical chemistry, hematology, microbiology, histology, and blood banking. - Acquired practical experience in laboratory techniques, sample handling, and diagnostic procedures under standard protocols	
Rotations Shifa International Hospital, Islamabad	Present
- Undertook clinical rotations at Shifa International Hospital, with exposure to phlebotomy, chemistry, hematology, microbiology and histology. - Acquired practical competencies in laboratory testing, specimen management, and diagnostic support	

LANGUAGES

Urdu

English

COURSES

Basic Life support

AI applications in Life Sciences

Whole genome sequencing analysis of Gut microbes

Holistic Insight of cellular renewal during Ramadan

SKILLS

Clinical Laboratory Skills

Phlebotomy, hematology, clinical chemistry, microbiology, histology, blood banking, aseptic techniques.

Molecular & Research Skills

DNA/RNA extraction, PCR, gel electrophoresis, Culturomics WGS analysis, Resistome profiling, KBase, R, SPSS.

Professional Skills

Research writing, critical thinking, teamwork, time management, adaptability.

Computer Skills:

Proficient in MS Word, Excel, and PowerPoint; skilled in BioRender and Canva for scientific illustration and presentation design.

ACHIEVEMENTS

Research Publications

Ø Aerobes in the Gut Microbiota – Roles, Interactions, and Implications for Host Health Ø Mini-Review: Nanofiber and Nanoparticle-Based Biodegradable Masks for Skincare Ø Drug-Coated Balloon Percutaneous Coronary Intervention in ST-Elevation Myocardial Infarction (STEMI): A Novel Therapeutic Approach Ø Artificial Intelligence in Cardiovascular Disease Prediction and Management: Current Status and Future Directions Ø Cardiovascular Applications of Medical Gases Unveiling Mechanistic Pathways and Targeted Delivery Innovations: A New Horizon in the Treatment of Coronary Artery Disease

REFERENCES

Raees Khan, PhD

National University of Medical Sciences, Rawalpindi, 46000, Pakistan. +92 344 9696196, raees.khan@numspak.edu.pk

Dr. Liaqat Ali

National University of Medical Sciences, Rawalpindi, 46000, Pakistan. +92-345-2155611, liaqatbiotech@gmail.com