

Sania Saghir

saniasaghir93@gmail.com | +92-336-5232078

Islamabad, Pakistan

Professional Summary

PhD-enrolled researcher in Microbiology and Immunology with a strong foundation in microbiology, antimicrobial testing, and healthcare systems. Skilled in laboratory techniques including staining, microbial culturing, and pathogen identification. Proficient in research writing, data analysis (SPSS), and managing healthcare-related information systems. Strong interest in nanotechnology applications for biomedical and dental research. Seeking to contribute to interdisciplinary lab-based research projects.

Education

PhD (Microbiology & Immunology) — Enrolled
COMSATS University Islamabad

MS in Healthcare Management — 2023
Riphah International University, Pakistan
CGPA: 3.67/4.00

BS in Microbiology — 2019
PMAS Arid Agriculture University, Pakistan
CGPA: 3.39/4.00

Research & Lab Experience

MS Thesis: *Patient Satisfaction in Relation to Service Quality and Brand Image in Chronic Disease Care*

- Conducted field surveys and statistical analysis on cancer care settings.
- Focused on patient experiences and healthcare responsiveness.

BS Research Project: *Isolation of Enzymes Responsible for Rotting of Vegetables*

- Designed and executed microbial culturing and enzyme assays.
- Conducted enzyme extraction, purification, and activity assessment.

Lab Internship – Quaid-e-Azam International Hospital, Rawalpindi

(August 2018)

- Performed Gram and acid-fast staining, microbial culturing, and microscopy.
 - Identified bacterial pathogens including *Salmonella typhi*.
 - Gained proficiency in handling clinical specimens and lab safety protocols.
-

Professional Experience

Assistant Manager, Exam Directorate

National University of Medical Sciences (NUMS) — June 2024–Present

- Coordinated exam logistics, quality assurance, and communication between departments.
- Maintained assessment records, ensured compliance with academic policies.

Evaluation & Quality Assurance Officer

Kashmir Education Foundation — Dec 2020–June 2024

- Conducted evaluations, HR processes, and coordinated training & assessments.
 - Managed reporting using HRIS and maintained education quality data.
-

Skills

Laboratory Techniques: Gram staining, acid-fast staining, microbial culturing, microscopy, antimicrobial sensitivity testing

Software Tools: SPSS, MS Office, LIMS, HRIS, EMR systems (Epic, Cerner)

Research & Communication: Report writing, data interpretation, presentation skills

Languages: English (Fluent), Urdu (Native), Punjabi (Conversational)

Certifications & Workshops

- Poster Presentation on Biosafety – PMAS-AAUR, 2018
 - Workshop: Personal & Professional Development for Entrepreneurship – 2019
 - Recognition: Beaconhouse Uninterrupted Online Learning Program – 2020
-

References

Dr. Alisha Parveen – Senior Data Scientist — aparveen.umm@gmail.com

Prof. Shakil Sabir — shakilsabir@gmail.com

Dr. Muhammad Sarmad — muhammad.sarmad@riphah.edu.pk