

Aqsa Tehreem

Contact

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Kahuta, Rawalpindi

Professional Skills

- Strong verbal and written communication
- Team collaboration and leadership skills
- Report writing and presentation
- Highly organized with time management skills

Languages

- English
- Urdu

Summary

Highly motivated MS Healthcare Biotechnology graduate with strong academic and hands-on laboratory experience in molecular biology, biotechnology, and biomedical research. Experienced in conducting laboratory-based research, maintaining accurate experimental records, analysing scientific data, and adhering to laboratory safety protocols. Passionate about contributing to research, diagnostics, quality control, and laboratory operations within clinical, or industrial environments.

Laboratory Skills and Techniques

- DNA & RNA Extraction
- Gel Electrophoresis
- Quantitative Polymerase Chain Reaction (qPCR)
- Biochemical Assays
- Spectrophotometry
- Sample Collection and processing
- Biosafety Practices
- Good Laboratory Documentation Practices
- Equipment Handling and Maintenance
- Animal Handling
- Stereotaxic Surgery (Mouse Model)

Research Experience

MS Research Project

National University of Sciences and Technology (NUST), Islamabad

- Conducted laboratory-based research in Healthcare Biotechnology involving molecular biology and biochemical analysis.
- Analysed experimental data using GraphPad Prism.
- Maintained accurate laboratory records and documented experimental procedures.

BS Research Project

COMSATS University Islamabad, Abbottabad Campus

- Conducted research in plant biotechnology and biochemistry.
- Performed biochemical assays and spectrophotometric analysis.

Professional Experience

College Teaching Intern (CTI)

Govt. Associate College (W), Kallar Syedan (Oct 2025 – April 2026)

Conducted practical laboratory sessions in Cell Biology, Environmental Biology, and Biological Techniques courses.

Research Intern

National Agricultural Research Centre (NARC)

February 2022

- Assisted researchers in biotechnology and molecular biology laboratories.
- Performed DNA and RNA extraction following laboratory protocols.
- Assisted with sample preparation and laboratory documentation.
- Maintained laboratory safety and biosafety guidelines.

Education

MS Healthcare Biotechnology

National University of Sciences and Technology (NUST), Islamabad (2025)

CGPA: 3.75/4.00

Relevant Course & lab work:

Genetics, Molecular Biology, Proteomics, Neurobiology, Cell and Gene Technology, Immunogenetics

BS Biotechnology

COMSATS University Islamabad, Abbottabad Campus (2022)

CGPA: 3.64/4.00

Relevant Course & lab work:

Molecular Biology, Biochemistry, Cell Biology, Immunology, Enzymology, Biotechnology

F.Sc. (Pre-Medical)

Punjab College for Women Satellite Town, Rawalpindi (2017)

Scored: (82.1%)

Matriculation (Science)

Fauji Foundation Model School for Girls Kahuta, Rwp (2015)

Scored: 90.91%

Computer and Software Skills

- MS Office (Word, Excel, PowerPoint)
- Google Workspace (Docs, Sheets, Slides, Drive)
- Statistical and graphing software: GraphPad Prism
- Reference managers: Zotero, End note, Mendelly

References

Available upon request.
