

Aswad Khan

Email: aswad.msbt552@iiu.edu.pk | **Phone:** (+92) 311 0815792 | **Nationality:** Pakistani | **Address:** Punjab, Pakistan

PROFESSIONAL SUMMARY

Detail-oriented MS Biotechnology graduate with experience in clinical laboratories, healthcare settings, and research environments. Skilled in documentation, data management, and coordination with medical staff. Proficient in MS Office (Word, Excel, PowerPoint) with strong attention to confidentiality, organization, and compliance. Adept at supporting healthcare administration and maintaining accurate records in fast-paced environments.

EXPERIENCE

AZ Life Care Laboratory – Faisalabad, Pakistan

Medical Laboratory Technician – 1 JAN 2024 – 1 APR 2025

- Performed standard and specific diagnostic procedures in clinical chemistry, hematology and microbiology.
- Trained junior staff members on equipment calibration, biosafety adherence, and testing SOPs.

National Institute of Health – Islamabad, Pakistan

Research Associate – 1 SEP 2022 – 5 JUL 2023

- Investigated the comparative molecular characterization of polyvalent snake antivenom both in vivo & in vitro.
- Managed research documentation, data analysis, and report preparation using Word, Excel, and PowerPoint.
- Collaborated with multidisciplinary teams, supporting communication and coordination between research and clinical staff.

Government Tehsil Headquarters Hospital – Kamalia, Pakistan

Patient Care Assistant Intern – 1 JUN 2016 – 1 AUG 2016

- Directed patient care experience under the guidance of attending physicians in medical wards.
- Supported screening, diagnosis, and monitoring of hepatitis infections using serological and basic molecular tests.
- Ensured confidentiality and accuracy in handling patient information and reports.

EDUCATION AND TRAINING

Master of Science in Biotechnology (MSc)

International Islamic University, Islamabad, Pakistan – (SEP 2021 – JAN 2024)

Bachelor of Science in Biochemistry (BSc)

Government College University, Faisalabad, Pakistan – (SEP 2014 – AUG 2018)

European Molecular Biology Laboratory (EMBL), in partnership with Merck – (NOV 2024 – DEC 2024)

Molecular Biology Techniques: Comprehensive Approaches for Educators and Enthusiasts

KEY SKILLS

Molecular Biology Techniques | Microbiology & Cell Culture | Clinical & Laboratory Diagnostics | Laboratory Equipment Operation & Maintenance | Lab Management and Biosafety Ethics | Good Clinical Practice (GCP) & Quality Management (ISO 9001, SOP adherence) | Healthcare Administration Support

Language Skills: Mother Tongue(s): **URDU, PUNJABI**

Other Language(s): **ENGLISH** (Listening: B2: Reading: B2 Writing: B2 Speaking: B2)

HONORS AND AWARDS

10/05/2025

CERTIFICATE OF EXCELLENCE – RX Connect PK

06/12/2023

Prime Minister's Youth Initiative Laptop Award – Higher Education Commission of Pakistan

01/01/2014

Punjab Education Endowment Fund Scholarship – Punjab Government of Pakistan

CERTIFICATIONS/COURSES

15/04/2026

- **GenEpi-BioTrain Virtual Training 25 – Mobile Labs and Field Sequencing during Outbreaks – ECDC Learning Portal**

09/04/2026

- **Health and Safety in the Laboratory and Field (STM895_2) – Open University, OpenLearn**

14/01/2026

- **Introduction to Phlebotomy – Phlebotomy Module Segment, Mayo Clinic Laboratories**

12/01/2026

- **Good Clinical Practice (GCP) – NIDA Clinical Trials Network (CTN), National Institute on Drug Abuse (NIH)**

06/01/2026

- **ISO 9001:2015 – A Beginner’s Guide to Quality Management, UniAthena**

02/11/2024

- **Artificial Intelligence and Research Ethics – Centre of Health, Research and Pakistan Society for Microbiology**
24/01/2024 – 25/01/2024

- **Transgenic Animal Modeling in Biomedical Research – University of Agriculture, Faisalabad, Pakistan**
28/10/2022

- **Recent Health Security and Public Health Threats – Capital University of Science and Technology, Islamabad, Pakistan**

01/06/2019 – 02/08/2019

- **IELTS Training Short Summer Course – National University of Modern Languages, Islamabad, Pakistan**

MEMBERSHIPS

20/09/2025 – Current, United Kingdom

Microbiology Society (UK)

- Connected with Europe’s largest microbiology community to foster professional growth, global outreach, and scientific coordination for advancing public health worldwide.

10/02/2025 – Current, United States of America

American Society for Microbiology (ASM)

- Actively engages in ASM Global Outreach, encouraging collaboration in cross-border microbiology, advocating an advancement in science and technology.