

Amina Kanwal



Contact: +92-313441760-1

Email: aminakanwal9911@gmail.com

LinkedIn: <https://www.linkedin.com/mwlite/in/amina-kanwal>

Address: Central jail kot lakh pat lahore staff colony house#31,street#2
Lahore,Pakistan

Education

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| 2020 | BSC (Hons) Biotechnology (3.43 GPA) University of Management and Technology, Lahore. |
| 2016 | F.Sc (Pre-Medical) 1 st Division Govt. Model College for Women, Model Town, Lahore. |
| 2014 | Matriculation (Pre-Medical) 1 st Division New Tauqeer Islamia Girls, High school, Lahore. |

Key Skills

Core Skill

- PCR
- RT PCR
- DNA extraction
- ELISA
- Gel electrophoresis
- Western Blotting
- Isoelectric Focusing
- FTIR
- Liquid particle counter
- Karl Fischer

Communication Skills

- Proficient in English
- Skilled in report writing and professional communication.
- Capable of delivering effective public speeches.

Administrative and Managerial Skills

- Organized meetings and seminars as a member of the Urdu Adab society, facilitating discussions on Urdu language and literature.
- Conducted awareness sessions on biotechnology issues for students, fostering interest and knowledge in the field.

Leadership and Teamwork Skills

- Highly organized and dedicated, with a positive attitude.
- Skilled in handling multiple assignments under high pressure.
- Excellent written, oral, and interpersonal communication skills.
- Thrive on working in a challenging environment.

Computer

- MS Office (Words, Power point, Excel)
- Ortho finder

Research Skills

B.Sc. Research Project: **“Identification and Characterization of Nucleotide Binding Site Gene in Land Plants”**

Professional Experience

Ferozsons Laboratories / BF Biosciences

- Conducted quality control testing on raw materials, packing material, and finished products using HPLC, Gel Electrophoresis, Western blotting, Isoelectric focusing and spectrophotometry, Karl fischer, FTIR, .
- Maintained laboratory instruments and equipment (Analytical Balance, PH Meter), ensuring they were calibrated and maintained according to SOPs.
- Maintained accurate and up-to-date records of all testing and analysis conducted, including preparation of analytical reports and documentation for regulatory filings.
- Trained and mentored junior staff on laboratory techniques, safety procedures, and adherence to GMP regulations.

Internship

Service Hospital, Lahore Pakistan

- Experience working in the Emergency lab ,Hematology lab ,Chemical pathology lab operate CBC analyzer ,coagulation Analyzer for PT,APTT,INR test,Biochemistry Analyzer for BSR, Urea, creatinine,ALT,AST,CPK,LDH,HbA1c,Serum Amylase,ESR on advanced automated machines.
(July 2021-October 2021)

Shaikh Zayed Hospital, Lahore Pakistan

Hematology and Histopathology Laboratory (July 2019- Aug 2019)

- Conducted a range of tests, including CBC, INR, ESR, forward and reverse blood grouping tests, screening for Hepatitis B and C, ELISA, and Coombs test.
- Analyzed patient reports to provide accurate and timely results to medical professionals.
- Operated advanced laboratory equipment, including automated hematology analyzers and coagulation instruments, with a focus on maintaining equipment functionality.
- Conducted tissue processing and observed various laboratory procedures, including blood smear preparation and staining.

Awards & Achievements

- Received merit-based academic scholarship from University of Management and Technology

- Served as a **chief executive officer of literature society UMT.**

Certificates

- **Six Sigma Yellow Belt** Certification Masterclass of Sparen and Gewinn received on (January 2023)

Conferences/Trainings/Workshops Participations as Participant

- Attending the workshop on **Computational Tools for Drug Discovery (Techniques in Molecular Biology)** Department of Life Sciences, School of Science, University of Management and Technology (UMT), Johar Town, Lahore
- Attending National workshop on, **'FORENSIC SCIENCE: FROM CRIME SCENE TO THE COURT OF LAW** Department of life sciences UMT Lahore December 04, 2018

Webinars /Workshops Participation as Organizer

- Organized webinar on Pain, **Drugs and Addiction: How electrophysiology helps build a connection** with Dr. Arsalan Yousaf (PhD) Research fellow, Illawarra health and medical research institute (IHMRI) University of Wollongong, Australia by "Bioverse society Bs Department of life sciences UMT Lahore January 27, 2021
- Organized a webinar on **“Nanomaterials as Antimicrobial Agents: Tiny particles, Big effects”** with Dr. Qadir, Research fellow at Fraunhofer Institute of Biomedical Engineering, Sulzbach, Germany by "Bioverse society Bs Department of life sciences UMT Lahore September 13, 2017
- Organized a one-day training entitled **"Workshop on Mitigating Food Fraud: Tools and Techniques"** Department of life sciences UMT Lahore scheduled to be held on September 4, 2018

References

Dr.Saif Raisheed,PHD MBA

Head Analytical Development
mRNA Project Lead

Direct: +61 8 8150 8517| Mobile: +61 431 349 454 | 8 Dalglish Street, Thebarton SA 5031, Australia

www.biocina.com |General Enquiries: info@biocina.com | +61 8 8150 8200

Prof. Dr.Athar Hussain Mutahari

Assistant Professor,Department of life sciences, school of science SSC

University of Management and technology (UMT),
CII, Johar Town, Lahore - Pakistan

Contact: 92-321 7534306

Email: athar.hussain@umt.edu.pk