

Minal Ahmad

Cell: 03030623193 | Email: minalahmad058@gmail.com

LinkedIn: <https://www.linkedin.com/in/minal-ahmad>

Address: Madina Housing, Daska, Pakistan

PROFESSIONAL PROFILE

Molecular Medicine graduate experienced in telomere biology and mtDNA copy number analysis, seeking to build proficiency in advanced molecular techniques.

EDUCATION

MS Molecular Medicine

National University of Science and Technology, Islamabad, 3.38 (2026)

BS Biotechnology

University of Central Punjab, Lahore, 3.84/4 (2022)

F.S.C Pre- medical

Punjab College, Gujjaranwala (2018)

Matric

Allied School, Daska, 1034/1100 (2016)

INTERNSHIP EXPERIENCE

Pehchaan NGO Lahore

06-Oct-2020 - 15-Oct-2020

University's VIS project: Managed data entry and validation for 1,000+ COVID-19 impact survey forms. The survey title was "The effect of the stresses on parents during Covid-19".

P.C.S.I.R Laboratories Complex Lahore

01-Sep-2021 - 30-Sep-2021

Food Biotechnology Intern Conducted **Dairy quality testing**, including fat, protein, acidity, and microbial analysis. Assisted in quality assurance and lab record maintenance.

Excel lab Islamabad

20-Jul-2023 - 04-Aug-2023

Diagnostic Laboratory Intern: Observed and assisted in Serology, Pathology, Microbiology, and Histopathology departments. Learned blood sample processing, diagnostic workflows, and biosafety practices. Gained exposure to clinical testing and reporting systems

FINAL YEAR PROJECT

BS-Identification and computational analysis of non-synonymous single-nucleotide polymorphisms of the FSHR gene potentially associated with female infertility

MS-Molecular Insights into Healthy Aging: A Study of Telomere Length and Mitochondrial Copy Number in the Hunza and Nagar Community

TECHNICAL EXPERTISE

Molecular & Lab Techniques DNA Extraction | PCR | qPCR | Telomere Length Analysis | mtDNA Copy Number | Sample Handling