

CURRICULUM VITAE

Personal Information

Name: Iftikhar Ahmed
Father Name: Ajam Gul Khan
Date of Birth: 3rd February 1986
Nationality: Pakistani
N.I.C #: 12201-4932759-5
Marital Status Married
Passport: AK8973082
Gender: Male



Name of Current

Employer: Gomal University, D.I.Khan, KP, Pakistan
Postal Address: Gomal Center of Biochemistry and Biotechnology, Gomal
University, D.I.Khan, KP, Pakistan.
Cell Phone# (+92-3347674900, +92-3028814900)
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Academic Qualification

Ph.D. (Biotechnology) (Result awaited)

Department of Biological Science
International Islamic University Islamabad, Pakistan
2016

M.Phil. (Biotechnology)

Department of Biological Science
International Islamic
University Islamabad, Pakistan
2013- 2015

M.Sc. (Biology)

Institute of Biological Sciences,
Gomal University, Pakistan
2006 – 2008

B.Sc.

Botany, Zoology and Chemistry combination
Gomal University, Pakistan
2003 – 2005

HSSC

BISE Bannu
2003

SSC

BISE Bannu
2001

B.Ed.

From AIOU, Islamabad

Professional Certificates

- C.T General From Technical Board Peshawar (2008)
- D.I.T from Technical Board Peshawar (2009)

Research interest and Expertise

- Human Molecular Genetics, Bioinformatics and Molecular Biology

Professional Experience

- Worked as a Teaching Assistant on fixed basis in “Gomal Center of Biochemistry and Biotechnology” (GCBB), Gomal University, D.I. Khan from 01-05-2019 to 01-05-2020.
- Worked as a Lecturer on Contract basis in “Gomal Center of Biochemistry and Biotechnology” (GCBB), Gomal University D.I.Khan from 01-06-2020 to up 30-03-2023.
- Worked as an Assistant Professor on Contract basis in “Gomal Center of Biochemistry and Biotechnology” (GCBB), Gomal University D.I.Khan from 01-03-2023 to up till.
- Work as a visiting Lecturer in “Department of Biological Science” IIUI from 02-09-2017 to 02-02-2018.
- Work as a Science Teacher in “Shaheen Model School”, Tank from 2009 to 2013 (Taught Biology and Chemistry).
- Working as assessor at ELearning pvt limited (From 2014-2018).
- Worked as an Assistant Warden Hostel No. 11, Gomal University D.I.Khan from 2020- till date. experience to promote student leadership development, social and cultural interactions.

Research Experience

- Research work in MS completed under the supervision of Associate Professor. Dr. Asif Mir, Chairman Department of Biological Sciences, IIUI, Pakistan.
- Research work in Ph.D. completed under the supervision of Associate Prof. Dr. Asif Mir, IIUI, Pakistan
- Research Scholar (University of Exeter, UK) six months.

Laboratory skills

- DNA Extraction
- PCR
- Gel electrophoresis
- Centrifuge
- Poly acralamayde gel electrophoresis
- Genotyping
- Doc electrophoresis
- Protein modeling
- DNA isolation
- Whole Exome sequencing Analysis
- Microarray analysis
- Sanger Sequencing Data Analysis
- Bioinformatics (insilico analysis)
- Primer designing for Gene/Variants.

Foreign Collaboration/Research Linkage

- Research collaboration with Prof. Andrew Crosby Professor of Human Genetics University of Exeter Medical School, Medical Research (Level 4), RILD Wellcome Wolfson Centre, Royal Devon & Exeter NHS Foundation Trust, Barrack Road, Exeter, EX2 5DW, UK

Courses taught to BS Students

- **BS:** Genetics, Cellular Signaling, Physical Chemistry, Biological Physics, Principle of Biochemical Engineering, Industrial Biotechnology, Biosafety and Bioethics, Inorganic Chemistry, Ecology-I, Research Methodology and Skill Enhancement, Research Diagnostics.
- **M.Phil.** Advances in Molecular Genetics, Advances in Molecular Biology.

Research Paper Published

1. Shakeel, M., Hafeez, F. Y., Malik, I. R., Farid, A., Ullah, H., Ahmed, I., ... & Yasin, M. (2023). *Serratia marcescens* strain FA-4 enhances zinc content in rice grains by activating the zinc translocating enzymes. *SABRAO J. Breed. Genet*, 55(2), 495-507.

2. Ullah, I., Sattar, S., Ali, I., Farid, A., Ullah, A., Eid, R. A., ... & Ullah, I. (2022). Molecular Epidemiology of Cystic Echinococcosis in Rural Baluchistan, Pakistan: A Cross-Sectional Study. *Pathogens*, 12(1), 40.
3. Abbas, G., Gul, H., Shakeel, M., Ullah, H., & Ahmed, I. (2023). Prevalence of type2 diabetes, its associated complications and risk factors in District Dera Ismail Khan-Pakistan. *Pure and Applied Biology*. Vol. 12, Issue 2, pp1111-1119.
4. Ahmad, S., Ali, M. Z., Abbasi, S. W., Abbas, S., Ahmed, I., Abbas, S., ... & Akil, A. A. S. (2023). A GHRHR founder mutation causes isolated growth hormone deficiency type IV in a consanguineous Pakistani family. *Frontiers in Endocrinology*, 14, 1066182.
5. Muzammal, M., Khan, M. A., Fatima, S., Bibi, A., Raheela, S., Anum, S. W. A., ... & Abbas, S. S. (2022). *Abasyn Journal of Life Sciences Open Access*.
6. Ahmed, I., Ilyas, M., Harlalka, G. V., & Mir, A. (2021). A Novel Hemizygous Variant in the AFF2 Gene Causing Fragile XE (FRAXE) Syndrome: First Report from Pakistan. *Pakistan Journal of Medical Research*, 60(2), 85-89.
7. Ahmed, I., Muzammal, M., Abbasi, S. W., Khan, M. A., & Mir, A. Whole Exome Analysis in Consanguineous Pakistani Families Determined ROR2 and RPTN as Novel Candidate Genes to be involved in Autosomal Recessive Non-Syndromic Intellectual Disability.