

Muhammad Ilyas, *PhD*

Assistant Professor, Centre for Omic Sciences
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Education

PhD Molecular Biology (Genomics & Bioinformatics) – CEMB, University of the Punjab, Pakistan (2015)

MPhil Molecular Biology (Human Genetics) – CEMB, University of the Punjab, Pakistan (2012)

MSc Genetics (Bioethics) – Genetics Dept. Hazara University Mansehra, Pakistan (2007)

Research & Teaching Experience

Assistant Professor, Centre for Omic Sciences, Islamia College Peshawar (Dec 2018–Present)

Visiting Researcher, Institute of Neurology, University College London, UK (2018)

Assistant Professor, Centre for Human Genetics, Hazara University Mansehra (2016–2018)

Predoc Fellow, Harvard Medical School, USA (2015)

Researcher, Personal Genomics Institute, South Korea (2013)

Researcher, Korean Bio Information Center, KRIBB, South Korea (2009–2010)

Research Officer, CEMB, University of the Punjab (2008–2009)

Administrative Experience

- Focal Person, Youth Development Center, Islamia College Peshawar (2025–Present)
- Additional Director ORIC, Islamia College Peshawar (2024–Present)
- Registrar & Director QEC, UEAS Swat (2022–2023)
- Technical Leader & HoD Bioengineering, UEAS Swat (2022–2023)
- Warder, Turangzai Hostel, ICP (2019–2021)
- Director, Centre for Human Genetics, Hazara University (2016–2018)

Awards & Fellowships

- Excellence in Genetics Award, ASHG (2021)
- Charles Wallace Pakistan Trust Fellowship, UK (2018–19)
- Outstanding Researcher Award, IYF (2015)
- AAAS Scientific Exchange Award (2015)
- HEC International Fellowship (2014)
- BioVision.Nxt Fellowship, TWAS (2013)
- HEC Best Research Paper Award (2011)
- PCST Research Productivity Award (2012)

Research Grants

- PI – Genetic Architecture of Neurological Disorders, HEC, PKR 7.18M (Completed)
- Co-PI – WGS-based Prediction of TB Resistance, NIH, PKR 3.79M (Completed)
- PI – Neurological Disorders in Pakhtun Population, PSF, PKR 4.0M (Completed)
- Co-PI – Genetic characterization of modern and ancient people of KP., PKR 4 M (Completed)
- Co-PI – Strengthening of Human Genetics laboratory., PKR 2.51 M (Completed)

Publications & Supervision

Publications: 50 (Impact Factor: 160)

Books: 2

Supervision: MPhil (49), PhD (1)