

Personal Information

Name: Hayat Ullah

Gender: Male

Date and Place of Birth: 16 June 1993, Quetta, Pakistan

Citizenship: Pakistani

Passport No: EN6175091

Postal Address: Alhumd X-Ray, Underground, Saleem Medical Complex, Jinnah Road, Quetta, Balochistan, Pakistan

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Education and Degrees Awarded

- **Doctor of Philosophy in Biotechnology, 2019-Present**

Jiangnan University, Wuxi, Jiangsu, China.

<http://english.jiangnan.edu.cn>

Protein Engineering and Enzyme Technology, Metabolic Engineering and Biofuels, Genetic Engineering,

- **Master of Science in Biotechnology, 2019**

Government College University Faisalabad, Pakistan

www.gcuf.edu.pk

Cell and Molecular Biology, Modern Biotechnology: Principles and Application, Genetic Engineering, Molecular Data Analyses, Techniques in Biotechnology, Bioresource Technology, Protein Engineering and Enzyme Technology, Metabolic Engineering and Biofuels.

- **Bachelor of Science in Biotechnology & Informatics, 2015**

Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) Quetta, Pakistan

www.buitms.edu.pk

Current Position

- **Research Assistant (January, 2020 – Present)**

Health Lab, Department of Bioinformatics and Biotechnology, Government College University Faisalabad, Pakistan.

www.gcuf.edu.pk

Previous Work Experience

- **Assistant Researcher (September, 2018 –November, 2019)**

A&K Pharmaceuticals, Faisalabad, Pakistan.

www.aandkpharma.com

- **Research Assistant (November 2013 – March 2016)**

Department of Biotechnology & Informatics, Faculty of Life Sciences & Informatics, Balochistan University of Information Technology Engineering & Management Sciences Quetta (BUIITEMS), Balochistan, Pakistan.

www.buitms.edu.pk

Linguistic Skills

Mother Tongue: Pashto

Other Language(s)

	Understanding		Speaking		Writing
	Listening	Reading	Spoken Interaction	Spoken Production	
English	C2	C1	C2	C2	C1
Urdu	C1	C1	C1	C1	C1
Pashto	C1	C1	C1	C1	C1

Technical Skills

- Tissue culture
- Fermentation
- Inoculation
- DNA isolation
- Nano-drop
- Gel electrophoresis
- HPLC
- PCR
- Protein Structure Prediction
- Docking and simulation
- Phylogenetic analysis
- Database development
- Primer Designing
- Nucleotide and Protein Blast
- SPSS.

Research Projects

- Molecular Characterization of Single Cell Microorganism as a Biological Alternative to Antibiotics in Poultry Feed.

Poster & Abstract Presentations

- **Hayat Ullah**, Asad Ullah, Muhammad Waseem Khan. Assessment of factors affecting and causing Hepatitis B. 11th Health Sciences Research Assembly, Aga Khan University Hospital Karachi, Pakistan. December 12 & 13, 2017.

Publications

- **Ullah H**, Ullah A, Gull A, Mousavi T, Khan MW, Novel Coronavirus 2019 (COVID-19) Pandemic Outbreak: A Comprehensive Review of the Current Literature, *Vacunas: investigacion y practica* (2020).
DOI: <https://doi.org/10.1016/j.vacun.2020.09.009>
- Niaz Muhammad Khan, **Hayat Ullah**, Abdur Raziq, Adnan Ali Khan, Muhammad Waseem Khan. 2019. Molecular genetic analysis of leucine tRNA in relevance to type II diabetes mellitus. *Clinical Diabetology*. 2020; 9; 3:
DOI: [10.5603/DK.2020.0009](https://doi.org/10.5603/DK.2020.0009)
- **Hayat Ullah**, Asad Ullah and Muhammad Waseem Khan. Assessment of factors affecting and causing Hepatitis B in Balochistan-Pakistan. *Pure and Applied Biology*. Vol. 9, Issue 1, pp471-477.
DOI.org/[10.19045/bspab.2020.90052](https://doi.org/10.19045/bspab.2020.90052).
- Abdur Raziq, Muhammad Lateef, Asad Ullah, **Hayat Ullah** and Muhammad Waseem Khan. Single cell protein (SCP) production and potential substrates: A comprehensive review. *Pure and Applied Biology*. Vol. 9, Issue 3, pp1743-1754.
DOI.org/[10.19045/bspab.2020.90185](https://doi.org/10.19045/bspab.2020.90185)
- Anbareen Gull, **Hayat Ullah**, Navid Iqbal, Asad Ullah, Abdur Raziq and Niaz Muhammad Khan. Diagnosis and treatment of novel Coronavirus 2019 (COVID-19): A comprehensive review of the current literature. *Pure and Applied Biology*. Vol. 10, Issue 1, pp46-53.
DOI.org/[10.19045/bspab.2021.100006](https://doi.org/10.19045/bspab.2021.100006)
- **Ullah, H.**; Ullah, A.; Khan, M.W. Fermentation Optimization for Actinomycetes as a Single Cell Protein: A Comprehensive Review. Preprints 2020, 2020040498 (DOI: [10.20944/preprints202004.0498.v1](https://doi.org/10.20944/preprints202004.0498.v1)).
- **Hayat Ullah**, Asad Ullah, Muhammad Lateef and Muhammad Waseem Khan. A Comprehensive Review of Sugarcane. Preprints 2020.
DOI:[10.20944/preprints202004.0528.v1](https://doi.org/10.20944/preprints202004.0528.v1)

- Asad Ullah, **Hayat Ullah**, Muhammad Lateef, et al. Evaluating the diagnostic accuracy of GeneXpert MTB/RIF assay for the diagnosis of Tuberculosis. *Authorea*. August 28, 2020. DOI: [10.22541/au.159863552.20850128](https://doi.org/10.22541/au.159863552.20850128)
- **Hayat Ullah**, Asad Ullah and Muhammad Waseem Khan. Molecular Characterization of Actinomycetes Specie for Production of Bio-Active Secondary Metabolites. Under Review. *Brazilian Journal of Microbiology*.