



## Mohsan Azeem



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**Sex** Male | **Date of birth** 14/01/1986 | **Nationality** Pakistan

### EDUCATION AND TRAINING

- 2011-2013      Master of Philosophy (M Phil) Biotechnology CGPA 4.1/5.0  
Quaid-I-Azam University Islamabad, Pakistan  
**M. Phil Thesis Research topic:**  
"Screening of genetic mutations underlying Parkinson disease in Pakistani population" **A grade**  
  
Major courses: Advances in molecular biology, advances in protein chemistry, genomics, chemical pathology, cancer genetics, advances in microbiology, advances in research methodology, advances in biotechnology.
- 2008-2010      M.Sc Biochemistry CGPA 3.12/4.0  
Pir Mehr.Ali.Shah University of Arid Agriculture Rawalpindi, Pakistan  
  
Major courses: cell biology, biochemistry, fundamental of microbiology and immunology, principles of genetics, fundamentals of statistics and biometry, metabolism, molecular biology, enzymology, cellular signaling, plant physiology, bioinformatics, genetic engineering, proteomics, research planning and methodology, biological methods and instrumentation, tissue and Cell culturing, biotechnology, clinical pharmacology, bio membrane, human physiology, clinical biochemistry
- 2005-2007      Bachelor of science in Medical Lab Technology 1547 marks/2300  
University of the Punjab, Lahore, Pakistan  
  
Major courses: microbiology, immunology, clinical biochemistry, hematology, human anatomy, microtechniques, medical instrumentation, clinical pathology, cytology

## WORK EXPERIENCE

01.11.17 till 30.04.2018 Position	Institute of Applied Physiology, ULM University Germany Research Associate
Oct. 2013- Oct. 2017 Research Project Position	AL Jazeera Research centre AL Ain- Abu Dhabi, United Arab Emirates (UAE) Cryopreservation of spermatozoa and embryo transfer in camels Molecular Biologist
Feb 2011 -March 2013 Lab ID Position	Quaid-I-Azam University (QAU) Islamabad, Pakistan QAU Medical Genetics Lab Research Associate (Fellowship)

### Professional Expertise

**Next Generation sequencing (Exome seq, RNASeq, ChIPseq), CRISPR Cas9, Flowcytometry, Real Time PCR, RT-qPCR, ELISA, genotyping, RFLP, Agarose gel electrophoresis, DNA gel extraction, DNA extraction, fluorescent microscopy, bioedit software, Selectra (Merck Germany) biochemistry analyzers, BT 2000 plus Biochemistry analyzer, Nihon Kohden celltac MEK 6450K haematology analyzer, Sysmex KX21 hematology analyzer, microlab semiautomated biochemistry analyzer**

**Seminars and Presentations** Cryopreservation of camelus dromedary spermatozoa. **"MBML" of the University of Giessen Lung Center**, Aulweg 123, D-35392 Giessen, Germany.

I have presented the seminar on PCR and Green Fluorescent Protein at P.M.A.S.U.A.A.R Pakistan.

I have presented the seminar on the topic "Neonatal Septicemia and antimicrobial resistance" at Quaid-I-Azam University Islamabad Pakistan.

### Scholarships and Achievements

2005-2007	Secured second position in B.Sc MLT entrance examination and got scholarship from CMLT NIH, Islamabad, Pakistan
2008-2010	I have been awarded indigenous Vice Chancellor scholarship in MSC Biochemistry from P.M.A.S.U.A.A.R Pakistan
2011-2013	I have been awarded indigenous Vice Chancellor scholarship in M. Phil Biotechnology from Quaid-I- Azam University Islamabad Pakistan.
March 2013	I have achieved core i3 hp laptop from Punjab youth programme from government of Punjab, Pakistan.
March 2013	Graduate Assessment Test (GATE) Subject test (Biotechnology): Accumulative score 72/100
Aug.2016	<b>IELTS</b> 6.0 Overall Band Score
Computer skills	Ubuntu Linux 16.04, Microsoft office, R, Jupyter notebook
Driving licence	Light vehicle driving licence (Car) United Arab Emirates
Outside Interests	Driving, Cricket, Music, Swimming