



# FIDA HASSAN

LECTURER AT UNIVERSITY OF PESHAWAR

## CONTACT

- ☎ M: +92 3339711660
- ✉ E: hassan.khattak@uop.edu.pk
- 📍 House no. F-89 Campus Area  
University of Peshawar, KPK,  
Pakistan

## EDUCATION

**Graduated: 2008 (CGPA: 3.7/4)**  
**QUAID-I-AZAM UNIVERSITY,**  
**PAKISTAN**

- Master of Philosophy (MPhil):  
Biochemistry and Molecular  
Biology

**Graduated: 2005 (66%)**  
**UNIVERSITY OF PESHAWAR,**  
**PAKISTAN**

- Bachelor of Sciences  
(Hons): Biotechnology

**Certified: 2001 (74%)**  
**Higher Secondary School**  
**Certificate**

- Pre-Medical

**SECONDARY SCHOOL**  
**CERTIFICATE**

**Certified: 1998 (72%)**

- Science

## LANGUAGES

- English (Fluent)
- Urdu (Fluent)
- Pushto (Basics)

## PROFILE

Highly skilled professional in Biotechnology and Molecular Biology with strong communication, leadership, and problem-solving abilities. Experienced in project management, teamwork, and meeting deadlines in fast-paced settings. Utilizes data-driven insights and innovative strategies to achieve high-quality results. Detail-oriented, adaptable, and proactive in addressing challenges. Seeks to apply expertise in Biotechnology and Molecular techniques to contribute to organizational success and growth.

## WORK EXPERIENCE

- **Lecturer at University of Peshawar** 2009- PRESENT  
Biotechnology & Microbiology  
Modules teaching:  
Techniques in Biotechnology, Molecular biology, Oncology, Proteomic  
, Human Physiology, DNA Damage & Repairing and Animal Biotechnology
- **Internship at ministry of Food, agriculture and livestock** 2008- 2009

## CONFERENCES/WORKSHOPS ATTENDED

- 2012 2nd national conference on Biotechnology and microbiology  
(Four days)
- 2011 Professional teaching training at Higher Education Commission  
(Two months)
- 2010 1st national conference on Biotechnology and microbiology  
(Four days)
- 2008 Workshop on Food Biosecurity (Four days)

## SKILLS

---

### Cell biology

- Generation and maintenance of cell culture
- Establishing stable cells line
- DNA transformation, DNA sequencing
- DNA and RNA isolation

### Molecular Biology

- Liquid and agar media preparation
- Subcloning and protein expression plasmids
- Molecular cloning, Restriction digestion,
- Site Directed Mutagenesis
- Real time PCR, qRT-PCR
- Small interference RNA

### Biochemistry

- Immunoprecipitation
- Protein isolation
- Western blotting
- Immunostaining
- Spectrophotometry

### Bioinformatics

- NCBI, BLAST
- Multiple Sequence Alignment

### Computer skills

- MS office, Photoshop, Adobe Acrobat

## SUPERVISED RESEARCH TOPICS

---

- Environmental monitoring of district headquarters hospital Hangu for the determination of pathogenic bacteria.
- Isolation and screening of food related fungi for the production of bio-reactive compound.
- Pedigree analysis of thalassemia in Pakistan families. Duchenne muscular dystrophy

## ACHIEVEMENTS

---

- Maintained 1st division throughout academic career.
- Received three-time merit scholarship during undergrads.
- Supervised students on various research topics.