



## Hammad Ahmad

**ID:** 1610189763623 **Nationality:** Pakistani **Date of birth:** 26/03/1998

**Place of birth:** Mardan, Pakistan **Gender:** Male **Phone:** (+92) 3155721218

**Email:** [hk47mayar@gmail.com](mailto:hk47mayar@gmail.com)

**Home:** Green acre town mardan sec D street 9 house 130 Same, 23200 Mardan (Pakistan)

### EDUCATION AND TRAINING

#### Master of Philosophy in Pharmaceutical Sciences

**Abdul Wali Khan University Mardan** [ 01/09/2022 – 16/08/2024 ]

**City:** Mardan | **Country:** Pakistan | **Website:** <https://awkum.edu.pk/> | **Field(s) of study:** Pharmaceutical Sciences  
**Final grade:** A | **Thesis:** COMPREHENSIVE ANTIDIABETIC AND ANTI-OXIDANT PROPERTIES OF VIGNA SESQUIPEDALIS

Pharmacognosy  
Pharmaceutical Technology  
Pharmacology and Therapeutics  
Biopharmaceutics and Pharmacokinetics  
Biostatistics

#### Doctor of Pharmacy

**Abdul Wali Khan University Mardan** [ 01/08/2016 – 20/12/2021 ]

**City:** Mardan | **Country:** Pakistan | **Website:** <https://awkum.edu.pk/> | **Field(s) of study:** Pharm D | **Final grade:** A | **Thesis:** Pharmacotherapy of Stroke

Pharmacology and Therapeutics, Pharmacognosy, Pharmaceutical Microbiology, Pharmaceutical Technology, Mathematics and Biostatistics, Biopharmaceutics and Pharmacokinetics, Medicinal Chemistry, Clinical Pharmacy, Physiology, Biochemistry, Organic Chemistry

### WORK EXPERIENCE

**Ferozsons Laboratories Nowshera – Nowshera, Pakistan**

**City:** Nowshera | **Country:** Pakistan

#### Quality Control Analyst

[ 05/01/2022 – 25/03/2022 ]

HPLC  
UV-vis  
Dissolution Test for Tablets

**Rehman Medical Institute, Seyyed Children hospital, Samson Welfare hospital – Mardan, Peshawar, Pakistan**

**City:** Mardan, Peshawar | **Country:** Pakistan

#### Hospital Pharmacist

[ 01/04/2022 – 01/08/2024 ]

Inventory Management  
Inpatient Dispensing  
Records and Documentation

## Lecturer

[ 09/11/2024 – Current ]

Physical Pharmacy  
Pharmaceutical Analysis

## PUBLICATIONS

---

[2025]

### **Exploring the antidiabetic potential of Vigna Sesquipedalis using invitro, in vivo and computational model**

**Authors:** H. Ahmad, A. U. Khan, W. Alam, H. W. Darwish, A. S. Pirzada and H. Khan | **Journal Name:** Journal of Computer-Aided Molecular Design 2025 | **Volume, Issue and Pages:** Vol. 39 Issue 1 Pages 15 | **Publisher:** Prof Dr Haroon Khan

1. Ahmad, H., et al., Exploring the anti-diabetic potential of the Vigna sesquipedalis using in vitro, in vivo and computational models. Journal of Computer-Aided Molecular Design, 2025. 39(1): p. 15.

### **Topical Nano-formulated Curcumin: A Promising Approach for Targeted Skin Cancer Therapy.**

Under preparation

### **Exploring the antidiabetic activity of 4-(4-methoxy phenyl)-5-(5-methylisoxazol-3-yl)-6-(trifluoro methyl)-3,4-dihydropyrimidine-2(1h)-one in- vitro and in animal model**

Under preparation

### **In vitro and in-vivo antidiabetic study of 5-(5- methyl isoxazole-3-yl)-4-phenyl-6-(trifluoro methyl)-3,4dihydropyrimidin-2(1H)- one supported by molecular docking**

Under preparation

### **Antidiabetic evaluation of Quinoline analogs in various in-vivo models**

Underpreparation

## LAB SKILLS

---

### **Invitro Activities**

Antidiabetic

Anti-inflammatory

ELISA, UV Spectrscopy, HPLC

### **In vivo Activities**

Topical Anticancer activity on mice

Antidiabetic Activity on Mice, Rats, and Rabbits

Analgesic Activity

Antiinflammatory Activity

Antidepressent

Ulcerative Colitis

## LANGUAGE SKILLS

---

**Mother tongue(s):** Pashto

**Other language(s):**

**English**

**LISTENING** C2 **READING** C2 **WRITING** C2

**SPOKEN PRODUCTION** C1 **SPOKEN INTERACTION** C1

*Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user*

## SKILLS

---

Microsoft Office / SPSS / Graphpad Prism / Biorender / Discovery Studio

## RECOMMENDATIONS

---

**Name: Dr Haroon Khan** | Supervisor

Professor Department of Pharmacy, Abdul Wali Khan University, Mardan, Pakistan

E-mail: [haroonkhan@awkum.edu.pk](mailto:haroonkhan@awkum.edu.pk) | Phone number: (+92) 3329123171

Link: <https://www.researchgate.net/profile/Haroon-Khan-17>

**Name: Dr. Ismail Shah**

Assistant Professor, Department of Pharmacy, Abdul Wali Khan University, Mardan, Pakistan

E-mail: [ismailshah09@awkum.edu.pk](mailto:ismailshah09@awkum.edu.pk) | Phone number: (+92) 3459533297

Link: <https://www.researchgate.net/profile/Ismail-Shah-9>

**Name: Dr Muhammad Ajmal Shah**

Assistant Professor, Department of Pharmacy, Hazara University, Mansehra, Pakistan

E-mail: [ajmalshah@hu.edu.pk](mailto:ajmalshah@hu.edu.pk) | Phone number: (+92) 3058265476

Link: <https://www.researchgate.net/profile/Muhammad-Ajmal-Shah>