



Fawad Ahmad

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ABOUT ME

A dedicated and motivated Pharmacist with an MPhil in Pharmacology (Gold Medalist), specializing in Neuropharmacology and preclinical epilepsy research. Possessing hands-on experience in animal model experimentation, behavioral testing, oxidative stress analysis, qPCR, and histopathological studies, combined with a strong foundation in pharmaceutical sciences and clinical pharmacy. Experienced in academic teaching, student supervision, and examination conduct as a Trainee Medical Officer in a university setting. Passionate about contributing to pharmacological research, advancing scientific knowledge, and nurturing the next generation of healthcare professionals through quality teaching and mentorship. Seeking an academic faculty position where research expertise, pharmaceutical knowledge, and teaching experience can be effectively utilized to support departmental growth and scholarly excellence.

WORK EXPERIENCE

Khyber Medical University – peshawar, Pakistan

Trainee Medical Officer

[01/08/2024 – 31/01/2025]

Assisted in delivering Pharmacology lectures, tutorials, and practical sessions to undergraduate Pharm-D students, covering core topics including general pharmacology, and CNS drugs etc. Supervised laboratory practicals, participated in examinations and internal evaluations. Concurrently conducted MPhil research on animal models of epilepsy involving behavioral testing, oxidative stress analysis, qPCR, and histopathological studies. Contributed to research proposal writing, ethical submissions, data analysis, and manuscript preparation while maintaining laboratory records in compliance with institutional guidelines.

Glitz Pharmaceutical Industry – Islamabad , Pakistan

Production officer

[15/07/2023 – 31/03/2024]

- Production planing
- Raw Material Dispensing
- Batch Manufacturing Record mantainance
- Complete Documentation
- supervision over complete production process
- MO and PO preparation
- maintaining and running online documentation system (orbit)

Shaukat khanum memorial cancer hospital and research center – Peshawar , Pakistan

Internee pharmacist

[12/06/2023 – 12/07/2023]

- dispensing services and patient counselling
- compounding and aseptic preparations

- clinical services with proper ward rounds
- handling LASA, High Alert, High Cost and controlled drugs
- inventory management

 **Sahibzada fazal rehman charity hospital** – Kohat

Traninee pharmacist

[01/04/2021 – 31/03/2023]

- inventory management
- expiry management
- dispensing
- patient counselling
- handling and management of controlled and LASA drugs
- stock receiving verification
- making GRN
- complete documentation and record

EDUCATION AND TRAINING

M. Phil. Pharmacology | Gold Medalist

Khyber Medical University KMU Peshawar [05/02/2024 – 22/04/2026]

City: Peshawar | **Country:** Pakistan | **Website:** <https://kmu.edu.pk/> | **Final grade:** 3.64 | **Level in EQF:** EQF level 7 | **Thesis:** Assessment of the Therapeutic Potential of SY-2532, a Novel Caffeine Derivative, for Memory Impairment in a Pentylenetetrazole-induced Epileptic Mouse Model

Specialized in Neuropharmacology and Experimental Therapeutics with hands-on research experience in preclinical animal models of epilepsy, including behavioral assessments (seizure scoring, MWM, Y-Maze), biochemical analysis of oxidative stress markers (MDA, SOD, CAT, GSH), molecular biology techniques (RNA extraction, cDNA synthesis, and qPCR gene expression analysis using the $2^{-\Delta\Delta Ct}$ method), and histopathological studies (tissue processing, Nissl staining, and neuronal damage evaluation). Proficient in laboratory rodent handling, drug administration, data analysis using GraphPad Prism/SPSS, and scientific writing, with strong knowledge of CNS pharmacology.

Certificate of pharmacology crash course completion

Medsparkles [01/08/2023 – 31/08/2023]

City: Online | **Country:** Pakistan | **Website:** <https://medsparkles.com/>

Doctor of Pharmacy (Pharm D)

Kohat university of science and technology kohat [01/09/2018 – 11/08/2023]

Address: Bannu Road Near Jerma Bridge, Kohat, Khyber Pakhtunkhwa, 26000 Kohat (Pakistan) | **Website:** <https://www.kust.edu.pk/kust/> | **Field(s) of study:** Pharmacy | **Final grade:** 3.29 | **Level in EQF:** EQF level 6 | **NQF Level:** 6 | **Type of credits:** Credit Hours | **Number of credits:** 198 | **Thesis:** Dose Adjutment in Kidney Failure Study in In-Patients in DHQ Teaching Hospital Kohat

Pharmacology
 Pharmacotherapeutics
 Pharmaceutical Microbiology
 Immunology & Pathology
 Clinical Pharmacy
 Pharmaceutics
 Clinical Research
 Anatomy
 Physiology & Histplogy
 Biochemistry & Organic Chemistry
 Pharmaceutical Analysis & Pharmaceutical Chemistry
 Medicinal Chemistry
 Industrial Pharmacy & Pharmaceutical Technology
 Drug Discovery & Development
 Immunology & Infectious Disease Management

Higher Secondary School Certificate

BISE Peshawar [01/09/2015 – 04/10/2017]

City: Peshawar | Country: Pakistan | Website: <https://www.bisep.edu.pk/>

Secondary School Certificate

BISE kohat [01/03/2013 – 18/06/2015]

City: Kohat | Country: Pakistan | Website: <https://www.bisekt.edu.pk/>

LANGUAGE SKILLS

Mother tongue(s): Pashto

Other language(s):

Urdu	English
LISTENING C2 READING C2 WRITING C2	LISTENING C1 READING C2 WRITING C2
SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2	SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

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

SKILLS

Animal model experimentation / Behavioral neuroscience testing / Oxidative stress biomarker analysis / qPCR & gene expression analysis / Histopathology & Nissl staining / Spectrophotometric assays / Gmail / RNA extraction & cDNA synthesis / DNA Extraction / Pharmacovigilance & ADR reporting / Drug dispensing & prescription verification / Drug information & patient counseling / PK & PD / Medication therapy management / Scientific writing & manuscript preparation / Statistical analysis (SPSS, GraphPad Prism) / Literature review / SPSS / GraphPad Prism / EndNote / Zotero (reference management) / Critical thinking & problem solving / Time management & multitasking / Team collaboration / production processes / Oracle / Orbit / Social media / Internet / Microsoft Office (Outlook, Excel, Word, PowerPoint)

RECOMMENDATIONS

Name: Dr Shakir Ullah | Supervisor

Associate Professor

IPS KMU Peshawar

Email: shakir.ibms@kmu.edu.pk | Phone number: (+92) 3469850144

Name: Dr. Sajid Khan Sadozai | Supervisor

Assistant Professor

Department of Pharmacy, Kohat University Of science and Technology KUST

Email: sajidsadozai@kust.edu.pk | Phone number: (+92) 3219720992

Link: <https://www.kust.edu.pk/kust/index.php/phaf/275-mr-sajid-khan-sadozai>

Name: Dr Abdul Wahab | Co Supervisor

Associate Professor

Department of Pharmacy, Kohat University of Science and Technology KUST

Email: dr.abdulwahab@kust.edu.pk | Phone number: (+92) 3467999556

Link: <https://www.kust.edu.pk/kust/index.php/phaf/263-dr-abdul-wahab>