

Dr. Waqar Ali
(Pharm.D. M.Phil., Ph.D.)

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EDUCATIONAL CREDENTIALS

QUALIFICATIONS	YEAR OF PASSING	INSTITUTE
Ph.D. (Clinical Pharmacy)	2024 (Awaiting for Ph.D. defense)	University of Peshawar, Khyber Pakhtunkhwa, Pakistan
The Fundamental of Critical Care Clinical Pharmacy Course	2023	NHS University College London Hospitals
M.Phil. (Pharmaceutics)	2015	COMSATS Abbottabad, Khyber Pakhtunkhwa, Pakistan.
Graduation (Pharm.D)	2012	Gomal university Dera Ismail Khan, Khyber Pakhtunkhwa, Pakistan.
F.Sc. (Intermediate)	2006	B.I.S.E Mardan, Pakistan.
S.S.C. (Matriculation)	2004	B.I.S.E Mardan, Pakistan.

EXPERIENCE

1. Clinical Pharmacist

Govt. Medical Teaching Institute -Hayatabad Medical Complex, Peshawar, Pakistan

1st, November 2016 till date with the following tasks and responsibilities accomplished and implemented

- i. Antirabies vaccines guidelines
- ii. Electrolytes replacement protocols
- iii. Antibiotics stability and dilution Protocols
- iv. Splenectomy vaccination and antibiotics protocols
- v. Dosing Schedules of Anticoagulants
- vi. Surgical Prophylaxis antibiotics protocols
- vii. Sedatives and Skeletal muscle relaxant in intensive care unit
- viii. Vasopressor and inotropes in intensive care unit
- ix. Monitoring parameters in Total Parenteral Nutrition

2. Assistant professor in Clinical Pharmacy

Department of Pharmacy, Qurtuba University, Peshawar

5th November 2024 to till now

3. Assessor and Trainer

Khyber Pukhtoon khwah Health care Commission

- i. Assessment and training on MSDS at Health Sector

1st, January 2022 to till now

4. Pharmacist

Nabeel Medical Centre, Mardan, Pakistan

1st, September 2015 to 30th August 2016 (*1 year*)

5. Lecturer

East West Institute of Medical Sciences Mardan, Pakistan

1st September 2012 to 30 August 2015 (*3 years*)

PROFESSIONAL REGISTRATION

- i. Registered Pharmacist at Pharmacy Council of Khyber Pakhtunkhwa, Pakistan (**Reg.No.2373-A/2013-PC**).

RESEARCH EXPERIENCE

- i. Research interest in optimizing antimicrobial use in hospital settings through multifaceted approaches.
- ii. Has worked and wrote a thesis at PhD level on “**Rationalization of Anti-Rabies Management Approaches for Dog Bite Cases and Assessment of their Clinical Outcomes**”.
- iii. Has worked and wrote a thesis at M.Phil level on “**Fabrication of Stable Carvedilol Nano suspension by Nano emulsion Method for Boosting up the Solubility and Dissolution**”.
- iv. Has worked and wrote a thesis at **Pharm.D level on “Rational use of antibiotics in tertiary care hospitals of Peshawar, Pakistan”**.

RESEARCH PUBLICATIONS

1. **Waqar Ali**, Mohammad Ismail Tajik, Iftikhar Ali, Alia Gul & Jehan Zeb Khan (2023) Safety of purified Vero cell rabies vaccine manufactured in Pakistan: a comparative analysis of intradermal and intramuscular routes, *Current Medical Research and Opinion*, 39:5, 789-796, .
2. **Waqar Ali**, Dr. Nisar ur Rehman, Dr. Shahzeb Khan, Dr. Zahid Hussain. Self-assembled biodegradable polymeric nanoparticles for improved solubility of carvedilol: preparation, characterisation and in vitro release kinetics. *International journal of Pharmaceutical Sciences and Research* Vol. 7, Issue 10; October, 2016 (Based on my MS research work).
3. Jehan Zeb Khan, Mohammad Ismail, Raza Ullah, **Waqar Ali**, Iftikhar Ali "Increased Burden of Multi Drug Resistant Bacterial Infections; Reflection from an Antibiogram of Intensive Care Units of a Tertiary Care Hospital", *The Journal of Infection in Developing Countries*. **2023**.
4. Shaimaa Ahmed, Thirumala Govender, Inamullah Khan, Nisar ur Rehman, **Waqar Ali**, Syed Muhammad Hassan Shah, Shahzeb Khan, Zahid Hussain, Riaz Ullah, Mansour SAlsaid. Experimental and molecular modeling approach to optimize suitable polymers for fabrication of stable fluticasone nanoparticles with enhanced dissolution and antimicrobial activity. *Drug Design, Development and Therapy* 2018:12 255–269
5. Iftikhar Ali, Zair Hassan, Arslan Rahat Ullah, Muhammad Noman Khan Wazir, Najma Fida, Muhammad Idrees Khan, Aysha Masood, Sayed Zulfiqar Ali Shah, **Waqar Ali**, Irfan Ullah , Adnan Ashraf, Arshad Hussain, Areeba Ahsan, Lina Hemmeda, Ghassan E. Mustafa, Ahmed, Khabab Abbasher Hussien Mohamed Ahmed Healthcare workers’ knowledge and risk perception regarding the

first wave of COVID-19 in Khyber Pakhtunkhwa, Pakistan: an online cross-sectional survey. *Annals of Medicine & Surgery* 86(5):p 2562-2571, May 2024

6. Zarbad Shah, Alia Gul, Tofail Arshad, Muhammad Idrees, Sumera Shaheen, Nadia Jabeen, Syed Majid Rasheed, Muhammad Akhlaq, **Waqar Ali**, Asma, Syed Hasnain Imad, Abdul Basit, Phytochemical Screening and Anti-bacterial activity of *Citrullus colocynthis* (L.) Schrad. from Sindh (Ghotki) Pakistan. *Journal of Xi'an Shiyou University, Natural Science Edition*, volume 18 issue 10 october 2022
7. Irum naz, alia gul, nosheen shafqath, muhammad islam, yasmeen shakir, dr. Fazal hadi, tariq aziz, abdul basit, hina gul, **Waqar Ali**. Effect of integrated use of chemical, organic and biofertilizer on growth of spinach (*spinacia oleracea* l. *Journal of Xi'an Shiyou University, Natural Science Edition*, Vol: 65 Issue 09, 2022

REFERENCES

1. Prof. Dr. Shehzad Akbar Khan

Professor of Surgery and Medical Director,
Govt. Medical Teaching Institute-Hayatabad Medical
Complex, Peshawar, Pakistan
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2. Dr. Mohammad Ismail

Associate Professor, Department of Pharmacy,
University of Peshawar, Pakistan
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3. Dr. Jehan Zeb Khan

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