

CURRICULUM VITAE

1. Personal Information

Name: Dr. Waheed Iqbal

Designation: Lecturer Pharmacology

Department: Institute of Pharmaceutical Sciences, Khyber Medical University, Peshawar Pakistan

Nationality: Pakistan

Gender: Male

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2. Professional Summary

- Pharmacist and scientist with combined expertise in clinical/hospital pharmacy, molecular research, scientific writing, and academic teaching.
- Currently working as Pharmacist/Research Officer at Khyber Medical College, Peshawar (2018–present), and serves as Managing Editor of the International Journal of Pathology (IJP).
- Extensive research background in pharmacogenomics and molecular epidemiology, having completed projects on the genetics of diabetes, hepatitis C, asthma, Parkinson's disease, obesity, leukemia, and human papillomavirus in esophageal cancer.
- Prolific scientific/medical writer and data analysis specialist, with 28 peer-reviewed publications spanning pharmacogenomics, clinical pharmacy, infectious disease, and oncology research.
- Combines nine years of hospital pharmacy experience (Northwest General Hospital and Research Center, Peshawar) with academic teaching in pharmacology.

3. Academic Qualifications

Degree	Institute	Completion
PhD Pharmacology	Khyber Medical University Peshawar	May 2026
MPhil Pharmacology	Khyber Medical University Peshawar	April 2016
Pharm-D	Sarhad University of Science and Information Technology Peshawar	Feb 2011

4. Professional Experience

Position	Organization	Duration
Lecturer Pharmacology	Institute of Pharmaceutical Sciences, Khyber Medical University	2025-present
Pharmacist / Research Officer	Khyber Medical College, Peshawar, Pakistan	2018 – 2025
Managing Editor	International Journal of Pathology (IJP)	2018-Present
Senior Hospital Pharmacist	Northwest General Hospital and Research Center, Peshawar, Pakistan	Senior Hospital Pharmacist
Research Associate	Institute of Basic Medical Sciences, Khyber Medical University (IBMS-KMU)	2015 – 2017

(Advisor: Dr. Sami Siraj, Associate Professor of Pharmacology)		
Visiting Lecturer, Pharmacology	Hafeez Medical Institute, Peshawar, Pakistan	2013 – 2015

5. Areas of Specialization / Research Interests

- Genetics of Cardiovascular and metabolic disorders
- Pharmacogenomics
- Epigenetics
- Pharmacy Practice

Computer & Data Skills

- Microsoft Office: data entry and management (Excel), presentation design (PowerPoint), and medical writing (Word).
- GraphPad Prism: graph construction and data analysis.
- SPSS: statistical data analysis.
- EndNote: citation and reference management.

6. Publications

- Khan N, **Iqbal W**, Shah SHA, Ain NU. Comparison of Metformin and Insulin in the Management of Non-Obese Gestational Diabetes Mellitus Patients. Journal of Bahria University Medical and Dental College. 2026 Jul 1;16(03):723-8.
- **Iqbal W**, Razaq A, Shah ST, Tariq SA, Rahim S, Siraj S. Impact of gender on long-term clinical outcomes and major adverse cardiovascular events in patients undergoing percutaneous coronary intervention receiving clopidogrel therapy: A follow-up study. Naunyn-Schmiedeberg's Archives of Pharmacology. 2026 Feb 13:1-8.
- Razaq A, **Iqbal W**, Shah ST, Ali M, Siraj S. Impact of CYP2C19* 2 on Clopidogrel Response and Cardiovascular Outcomes in ST-segment elevation myocardial infarction Patients. Pakistan Journal of Medical Sciences. 2026 Jan 5;42(1):227-33.
- Razaq A, **Iqbal W**, Shah ST, Abdur Rauf M, Aldekhail NM, Van Nieuwerburgh F, Siraj S. Impact of ABCB1 gene polymorphism on clopidogrel plasma concentration and cardiovascular events in post-PCI patients. Pharmacogenomics. 2025 Jul 23:1-8.
- Yusuf N, **Iqbal W**, Bashir A, Khan I, Zakria M, Hussain M, Malik A. Association of Fat, Mass and Obesity (FTO) Gene Polymorphism with Diabetes and Prediabetes in Pakistani Population. Molecular Medicine Communications. 2023 Jun 30;3(01):11-20.
- Aziz A, Shah M, Siraj S, **Iqbal W**, Jan A, Khan I, Ahmed S, Vitale SG, Angioni S. Association of vitamin D deficiency and vitamin D receptor (VDR) gene single-nucleotide polymorphism (rs7975232) with risk of preeclampsia. Gynecological Endocrinology. 2023 Dec 14;39(1):2146089
- Aamir M, Shah MA, Kauser TN, Khan N, Mehmood I, Khan JA, **Iqbal W***. Pharmacoepidemiological evaluation of off label and unlicensed prescription in pediatric intensive care units at tertiary care hospitals of Peshawar, Pakistan. Pakistan Journal of Pharmaceutical Sciences. 2023 Jan 1;36(1).
- Razaq A, Altaf S, Basharat T, Tariq SA, **Iqbal W**. Association of angiotensin converting enzyme gene polymorphism with diabetic nephropathy in patients using lisinopril. Indian Journal of Pharmacy and Pharmacology. 2022;9(2):96-102.
- Khan A, Faisal MS, Hussain I, Hayat W, Jamal A, **Iqbal W**. Comparison between efficacy of clarithromycin versus ceftriaxone in the treatment of community acquired pneumonia in children. KJMS. 2021 Apr;14(2):65
- Naz F, Faisal MS, **Iqbal W**, Naz M, Sajid Khan M, Hayat W. The effectivity of levobunolol versus travoprost in reducing intraocular pressure: a comparative study conducted in tertiary care hospital of Peshawar. Journal of Medical Sciences. 2021 Jun 23;29(02):93-7.

- Sultana N, Shah W, **Iqbal W**, Pervez S, Khan I, Hanif M, Khan I. Frequency and genotype distribution of high-risk human papillomavirus in esophageal squamous cell carcinoma. *The Journal of Infection in Developing Countries*. 2020 Nov 30;14(11):1320-6.
- Hassan G, Shah SH, Abbasi MA, Faisal MS, **Iqbal W**. Psychological insulin resistance in patients with diabetes mellitus; a cross-sectional study conducted in Hayatabad Medical Complex Hospital Peshawar Pakistan. *KJMS*. 2020 Sep;13(3).
- Faisal MS, Inayat A, Nabi M, Hayat W, Khan MS, **Iqbal W**. Screening of *Achillea santolina* for anti-diabetic activity and its comparison with *Caralluma tuberculata*. *Professional Medical Journal*. 2020;27(7):1414–9.
- Haq KU, Noreen S, Sehgal Sa, Tahir Ra, Essa A, Ihsan A, **Iqbal W**, et al. Association of virulence genes with antibiotic resistance in Pakistani uropathogenic *E. coli* isolates. 2020;23(6):517-24.
- Shah FA, Parveen T, Shah HA, Shah AA, Naseem R, **Iqbal W***. Hepatoprotective property of berberis lycium in paracetamol induced liver injury; an experimental study. *ABMS*, 2020;4(2).
- Basharat T, Altaf S, Adil MI, **Iqbal W**. Efficacy of Spectinomycin versus Ceftriaxone in the Treatment of Gonorrhea. *Med. Forum monthly*. 2019 Nov;30(11).
- Altaf S, Basharat T, Amer M, **Iqbal W**, Azhar A. Fluoroquinolones resistance to esbl positive *Escherichia coli* causing urinary tract infection in Khyber teaching hospital Peshawar. *Med forum* 2019;30(7):95-99.
- Inayat A, Faisal MS, Hayat W, **Iqbal W**, Khalil KURL. Frequency of dyslipidaemia in patients with essential hypertension; a cross-sectional study done in tertiary care hospital of Peshawar. *J Med Sci* 2019; 27: (1) 34-37.
- Faisal MS, Hayat W, Inayat A, Sohaib M, **Iqbal W**. Comparison of *Caralluma tuberculata* with metformin for anti-diabetic activity: An animal study. *J Islamabad Med Dental Coll*.2019; 8(1):34-39.
- Jamaluddin, Nizamuddin, Khan M, Naz S, Mustafa A, **Iqbal W**. Compliance in type 2 diabetic patients treated with SGLT2 inhibitors in a tertiary care hospital Peshawar Pakistan. *Med forum* 2019;30(5):56-58.
- Jamaluddin N, **Iqbal W**, Shah A, Khan M, Naz S. Complications following Colonoscopy Procedure in Khyber Teaching Hospital Peshawar. *Med. Forum* 2019 Feb (Vol. 30, No. 2, p. 75).
- Nizamuddin, Jamaluddin, Shah A, **Iqbal W**. Sofosbuvir and ribavirin; response to 16-weeks versus 24-weeks dual therapy including sofosbuvir and ribavirin, in all cirrhotic and non-cirrhotic patients with HCV-genotype-3a infection in population of KPK-Pakistan. *Professional med j* 2018; 25(12):1876-1881.
- Adil M, **Iqbal W**, Adnan F, Wazir S, Khan I, Khayam MU, Kamal MA, Ahmad S, Ahmed J, Khan IN. Association of metronidazole with cancer: a potential risk factor or inconsistent deductions? *Current Drug Metabolism*. 2018 Sep 1;19(11):902-9.
- Jamaluddin, Nizamuddin, Khan B, **Iqbal W**. Spectrum of clinical complications, observed during diagnostic upper gi-endoscopy procedure in Khyber Teaching Hospital Peshawar. *Med forum* 2018;29(8):69-72).
- Shah A, Nizamuddin, Khan NU, **Iqbal W**. Down Staging of Cirrhosis in All Cirrhotic Patients with HCV Genotype 3-a Infection, treated with 12-Weeks Triple Therapy, Including Sofosbuvir, Daclatasvir and Ribavirin. *Med Forum* 2018;29(3):2-5.
- Jamaluddin, Nizamuddin, Shah A, **Iqbal W**. Hyperuricemia in patients taking antituberculosis Drugs including pyrazinamide for both category-1 and category-2 tuberculosis, in population of KPK-Pakistan. *Med forum* 2018;29(1):2-5.
- Khan NU, Parveen T, **Iqbal W**. Efficacy of Metronidazole vaginal versus oral metronidazole for the treatment of bacterial vaginosis in Peshawar Pakistan: Metronidazole for Bacterial vaginosis. *Advances in Basic Medical Sciences*. 2018;2(1).
- Nizamuddin, Tariq SA, Siraj S, **Iqbal W**. Treatment outcome in patients with HCV Genotype- 3a infection, treated with 24-weeks dual therapy (sofosbuvir and ribavirin). *Med forum* 2017;28(11):15-19
- Nizamuddin, Jamil A, Riaz M, **Iqbal W**, Rahim F, Raza H. Outcome of 12-weeks triple therapy (tt), including sofosbuvir (sof), ribavirin and pegylated interferon-alfa in all non-cirrhotic patients with chronic hepatitis-c genotype-3 infection. *Med forum* 2017;28(7):40-43.
- Fateen F, Yousaf Mn, Khan N, Nouman F, **Iqbal W**, Siraj S. Therapy success rate with pegylated interferon/ribavirin treatment of relapse and non-responder hepatitis c patients. *ABMS* 2017;1(1).

7. Patents

None reported.

8. Research Grants & Projects

- Cardiovascular Pharmacogenomics
- Pharmacogenomics of diabetes.
- Pharmacogenomics of hepatitis C.
- Genetic diversity of asthma.
- Genetics of Parkinson's disease.
- Genetics of diabetes and obesity.
- Leukemia.

9. Book Chapters

The Silent Signal Inside the Tumour

10. Student Supervision

None reported.

11. Achievements & Awards

Position Holder

Overall, 2nd position holder in bachelor degree 2005-2011, Sarhad University of Science and Information technology.

Sports

Best sportsman of the year 2009, Sarhad University of Science and Information technology.

Scholarship

Merit scholarship during bachelor degree 2005-2011, Sarhad University of Science and Information technology.

Merit Scholarship during MPhil Degree, 2013-2016, Institute of Basic Medical Sciences, Khyber Medical University.

Professional Training / Workshops

- International workshop on “Genomics and Genome Editing,” Forman Christian College, Lahore, Pakistan, 24–27 May 2016.
- International workshop on “Integrating Clinical Pharmacy Education, Practice and Research: Bridging the Gap,” COMSTECH, Islamabad, Pakistan, 22–24 February 2016.
- Workshop on “Drug Information and Poison Control Center,” Department of Pharmacy, University of Peshawar, 26–28 December 2014.

12. References

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