

CURRICULUM VITAE

Akhlaaq Wazeer, Ph.D.

Assistant Professor/Head of Department
Allied Health Sciences
Mirpur Institute of Medical Sciences
University of Azad Jammu & Kashmir, Muzaffarabad

Member, Advisory Committee of Allied Health Professionals Council,
Government of Pakistan on Medical Laboratory Technology

Academic Qualification(s)

Ph.D.

(2026)

Department of Biotechnology, Mirpur University of Science & Technology, Mirpur, Azad Jammu & Kashmir-Pakistan.

M.S.

(2018)

Department of Biotechnology, International Islamic University, Islamabad, Pakistan.

M.Sc

(2016)

Department of Microbiology, Abasyn University, Islamabad Campus, Islamabad, Pakistan.

B.Sc, Medical Laboratory Technology

(2013)

Department of Allied Health Sciences, Hazara University, Mansehra, Pakistan.

H.S.S.C., Medical Laboratory Technology

(2010)

Federal Board of Intermediate & Secondary Education, Islamabad, Pakistan.

S.S.C.

(2002)

Board of Intermediate & Secondary Education, Mirpur, Azad Jammu & Kashmir-Pakistan.

Academic Qualification(s)

1. Diploma in Medical Laboratory Technology

(2010)

Pakistan Institute of Medical Sciences (PIMS), Islamabad, Pakistan

2. Diploma in Medical Laboratory Assistant

(2003)

Government Para Medical Institute (PMI), Mirpur, AJ&K

3. Certificate in Advanced Biological Risk Mitigation

(2018)

COMSTECH, Islamabad, Pakistan

4. Certificate in Strengthening Leadership and Governance of National Blood Services (2019)

WHO Collaborating Centre for Research & Training on Blood Safety, Iranian Blood Transfusion Organization (IBTO), Tehran, Iran

Professional Experience(s)

Date from - Date to	Institution(s)	Position	Description
01/2022 – to date	Mirpur Institute of Medical Sciences (MIMS), Mirpur, AJ&K	Assistant Professor / HoD, AHS	• Director Academics • Administrative Tasks • Teaching Assignments • Member, Institutional Review Board • Member, Academic Council
09/2019 – to date	State TB Reference Lab, NTP, MoNHS, R&C	Molecular / Microbiologist	• Administrative Tasks • Supervision of Operational Work • Coordination and Liaison with National Reference Lab, ICT • Survey in Azad State of AJ&K
06/2014 to 10/2018	Safe Blood Transfusion Program / Islamabad Blood Transfusion Authority, MoNHS, R&C, Pakistan	Technical Officer	• Co-authored the National QC Guidelines for Transfusion Medicine • Inspection, monitoring and evaluation of BTS in Islamabad and provinces • Co-organizer, XIth Annual Conference of Asian Association of Transfusion Medicine,

			October 9-11, 2015, Islamabad, Pakistan • Data collection and reporting on adverse reactions/events as part of haemovigilance in close coordination with monitoring officers • Facilitating capacity building workshops, seminars, etc.
??	College of Medical Technology (CMT), Mirpur, AJ&K	Lecturer	Teaching the following sub.; • Haematology / Blood Banking • Clinical Pathology • Serology • Microbiology

Workshop Organized/Facilitated

I have gained a very rich experience over the last few years in organizing large international, national level seminars, hand-on workshops, and consultations. So far, I have organized/facilitated over 30 such events across the country supported by the Government of Pakistan and international partners including GIZ, WHO, ISBT, Jhpiego.

Workshop Attended

I have attended more than 15 hands-on workshops both national and international in the field of Bio-Safety, Bio-Security, Transfusion Medicines, Research and Medical Laboratory Sciences.

Memberships in Professional Societies/Councils

- **Member**, Advisory Committee, AHPC on Medical Laboratory Technology, GoP
- **Scientific Secretary**, Bring Brilliant Minds of Transfusion (BBMT), Pakistan
- **Member**, International Society of Blood Transfusion, The Netherlands
- **Member**, American Society of Microbiology

- **Executive Member**, South Asian Association of Medical Laboratory Scientists (SAAMLS)
- **Member**, Pakistan Biological Safety Association (PBSA), Pakistan

Honorary Positions

- **Advisor**, Board of Certification-Pakistan, American Society of Clinical Pathology (ASCP), USA
- **Technical Advisor**, Azad Jammu & Kashmir Blood Transfusion Authority, Department of Health, Govt. of AJ&K

SECTION EDITOR;

- Journal of Emerging Health Sciences

REVIEWER;

- Journal of Laboratory Physicians (IF: 1.3)
- Annals of Pak Inst Med Sci
- Journal of Islamabad Medical & Dental College

Achievements

- **Research Proposal** won 4,890 Euros Research Grant from International Society of Blood Transfusion, The Netherlands March 2022.
- Fellow *“I Try It”* mentorship program by ISBT for Milan, Italy, 2025.
- **Research Proposal** won 5,000 Euros Research Grant from International Society of Blood Transfusion, The Netherlands March 2022.

Language Proficiency

<i>Language</i>	<i>Read</i>	<i>Write</i>	<i>Speak</i>
English	Excel	Excel	Good
Urdu	Excel	Excel	Excel
Punjabi	Excel	Excel	Excel
Gojri	Excel	Good	Good

Publications

Books/Book Chapters/Guidelines

1. Waheed, U., Ahmad, M., Saba, N., **Wazeer, A.** (2026). Textbook of clinical Phlebotomy: for Students and Practitioners. 1st ed. Colombo, Sri Lanka, ISBT 978-969-23943-1-4.
2. Zaheer HA, Ahmed S, Waheed U, **Wazeer A**, et al. National Guidelines for Quality Control in Transfusion Medicine (2020). Safe Blood Transfusion Programme, Ministry of National Health Services, Pakistan. 3rd Edition. ISBN 978 969 9881 473.
3. Akhtar J, **Wazeer A**, Waheed U (2021). Textbook of Microtechniques in Laboratory Medicine. 4th ed. Colombo, Sri Lanka. ISBN 9789692352529.
4. Waheed U, Saba N, **Wazeer A**, Qasim Z. (2020). Textbook of Laboratory Techniques in Haematology and Transfusion Medicine. 3rd ed. Islamabad, Pakistan, ISBN 978 969 23525 0 5.
5. Waheed U, Arshad M, Farooq A, Saba N, **Wazeer A**. Handbook of Medical Laboratory Instrumentation. 2nd ed. 2019; Islamabad, ISBN 978 969 23484 0 9.
6. Salam A, Saeed M, **Wazeer A**, Waheed U. Textbook of Serology in Laboratory Medicine. 1st ed. 2021; Colombo, Sri Lanka; ISBN 9789692352512.

Reports

1. Zaheer HA, Waheed U, **Wazeer A**. Annual Report Safe Blood Transfusion Programme (2016). Safe Blood Transfusion Programme, Ministry of National Health Services, Regulations & Coordination, Government of Pakistan. ISBN 978 969 9881.
2. Zaheer HA, Waheed U, **Wazeer A**, Tahir S, Nasir K. World Blood Donor Day Report (2017). Safe Blood Transfusion Programme, Ministry of National Health Services, Regulations & Coordination, Government of Pakistan. ISBN 978 969 9881 33 6.
3. Zaheer HA, Waheed U, **Wazeer A**. World Blood Donor Day Report (2016). Safe Blood Transfusion Programme, Ministry of National Health Services, Regulations & Coordination, Government of Pakistan. ISBN 978 969 9881 25 1.
4. Zaheer HA, Waheed U, **Wazeer A**. World Blood Donor Day Report (2015). Safe Blood Transfusion Programme, Ministry of National Health Services, Regulations & Coordination, Government of Pakistan. ISBN 978 969 9881 22 0.

Scientific Papers

1. **Wazeer A**, Waheed U, Mahmood RT*, Qasim Z, Saba NoorE, Hadri SH, Jabbar AB, Hussain MA. Epidemiology of Hepatitis E Virus infection in a Cohort of 3,480 Blood Donors in Mirpur, Azad Jammu & Kashmir, Pakistan. Journal of Xi'an Shiyong University, Natural Science Edition. Vol 20 Issue 06 June 2024, 667-673.

2. Ullah I, Arshad A, Waheed U, Saba N, Qasim Z, **Wazeer A**, Zaheer HA, Arshad M. Genotyping of platelet allo antigens by DNA sequencing in the Pakistani population. J Islamabad Med Dental Coll. 2023;12(2): 71-81. <https://doi.org/10.35787/jimdc.v12i2.981>.
3. **Wazeer A**, Hashemi E, Waheed U, Saba N, Qasim Z, Mahmood RT. Hepatitis E Virus Outbreak in an Internally Displaced Population of Afghanistan: Is it a Risk to Transfusion Safety?. J. Haematol Stem Cell Res. 2023; 3(2): 3-6.
4. Saeed M, Waheed U, **Wazeer A**, Saba N. Do We Need Pakistan-Specific Reference Ranges in Laboratory Medicine? J Lab Physicians 2023;15(2): 324–325.DOI: 10.1055/s-0042-1760669.
5. **Wazeer A**, Waheed U, Saba N, Akram S, Tirmazi UF, Saeed M, Ahmad B, Mahmood RT. Emerging Enigmatic Hepatitis E Virus: Molecular Biology, Epidemiology, Diagnosis and Management in Pregnancy. J Soc Obstet Gynaecol Pak. 2022; 12(4):55-61.
6. Baber JZ, Ali I, Qasim Z, Saba N, Akram S, Nouman M, Waheed U, **Wazeer A**. Epidemiology of molecular probes in Xpert MTB/RIF assay in AJK, Pakistan. Ann Pak Inst Med Sci. 2023; 19(2):72-78. doi. 10.48036/apims.v19i2.519.
7. **Wazeer A**, Waheed U, Saba N, Hosseini N, Shaheen Z, Shah TH, Qasim Z, Mahmood RT. Transfusion-transmitted Hepatitis E and implications for blood donation screening: A narrative review. J Haematol Stem Cell Res. 2023; 3(1):
8. Zahida Qasim Z, Waheed U, Shaukat A, Saba N, Shaukat A, Azam S, Ahmad B, Mahmood RT, **Wazeer A**. A step-wise approach to diagnose Pancytopenia: Experience from a tertiary care hospital in AJ&K, Pakistan. BMC J Med Sci.2022. 3(1): 7-15.
9. Hashemi E, Waheed U, Saba N, **Wazeer A**. First report from Afghanistan on the prevalence of blood-borne infections: A retrospective cross-sectional multicentre study for an epidemiological assessment. J Blood Med. 2022;13:45-50. doi:10.2147/JBM.S344180.
10. Waheed U, **Wazeer A**, Saba N. Reshaping blood donation campaigns through WhatsApp: A pilot study from Pakistan during the COVID-19 pandemic. ISBT Transfusion Today 2021 June; 126:06.
11. **Wazeer A**, Qasim Z, Riaz A, Waheed U, Shaukat A, Azam S, Arshad M. Molecular epidemiology of Mycobacterium tuberculosis in Division Mirpur, Azad Jammu & Kashmir. LMRJ 2021; 3(1): 1-8. <https://doi.org/10.38106/LMRJ.2021.3.8-01>.
12. Waheed U, Saba N, **Wazeer A**, Ahmed S. A systematic review and meta-analysis on the epidemiology of Hepatitis B virus and Hepatitis C virus among β -Thalassaemia major patients in Pakistan. J Lab Physicians 2021;13(3):270-276. doi.org/10.1055/s-0041-1731110.

13. Basharat N, Waheed U, Arshad M, Saba N, Masood I, Farooq A, **Wazeer A**, Moneeba S, Rauf A, Zaheer HA. Prevalence of torque teno virus infection in blood donors and its implication on blood safety in Pakistan. *Pakistan J. Zool.*, 2021;53(3): 1177-1180. IF 0.7.
14. Saba N, Nasir JA, Waheed U, Aslam S, Mohammad I, **Wazeer A**, Ahmed S, Nisar M. Seroprevalence of transfusion-transmitted infections among voluntary and replacement blood donors at the Peshawar Regional Blood Centre, Khyber Pakhtunkhwa, Pakistan. *J Lab Physicians* 2021;13(2):162-168. <https://doi.org/10.1055/s-0041-1729485>.
15. Farooq A, Waheed U, Saba N, Kaleem M, Majeed N, **Wazeer A**, Cheema NA, Ahmed S, Arshad M. Molecular and genetic characterization of hepatitis B virus among multitransfused thalassaemia patients in Islamabad, Pakistan. *J Family Med Prim Care* 2021;10(2):998-1002.
16. Waheed U, **Wazeer A**, Saba N, Qasim Z. Coronavirus pandemic: Implications on blood transfusion needs of thalassaemia major patients. *Glob J Transfus Med.* 2020;5(2):235-236.
17. Waheed U, Farooq A, **Wazeer A**, Saba N, Noor FA, Cheema NA, Qasim Z, Arshad M. Knowledge and attitudes concerning SARS-CoV-2 among healthcare workers in Mirpur, Azad Jammu and Kashmir, Pakistan. *Liaquat National Journal of Primary Care* 2020; 2(2): 56-62.
18. Saba N. Waheed U, Muhammad I, **Wazeer A**. Hepatitis E virus RNA in Pakistani blood donors: An emerging transfusion-transmitted infection. *Glob J Transfus Med.* 2020;5(2): 233.
19. Moneeba S, Waheed U, **Wazeer A**, Saba N, Shaukat A, Aslam S, Ahmed S. PCR-based efficacy assessment of hepatitis B core antibody and hepatitis B surface antigen screening tests in the blood donor population. *Ann Pak Inst Med Sci.* 2020; 16(4):175-179.
20. Saba N, Nisar M, Nasir JA, Shaukat A, Majeed N, **Wazeer A**, Waheed U. Blood donation deferral pattern among prospective blood donors in northwest region of Pakistan. *Ann Pak Inst Med Sci.* 2020;16(2): 63-68.
21. Waheed U, **Wazeer A**, Saba N, Qasim Z. Effectiveness of WhatsApp for blood donor mobilization campaigns during COVID-19 pandemic. *ISBT Science Series* 2020;15(4):378-80.
22. Waheed U, Ahmed N, Hussain W, **Wazeer A**, Saba N, Qasim Z, Zaheer HA. Implementation of blood safety legislation in Azad Jammu and Kashmir, Pakistan. *Hematol Transfus Int J.* 2020;8(4):86–88.
23. Waheed U, **Wazeer A**, Saba N, Qasim Z. Detection of Severe Acute Respiratory Syndrome Coronavirus 2 RNA in blood donations. *J Lab Physicians* 2020;12(2):163-164. doi: 10.1055/s-0040-1716663.

24. Waheed U, Noor FA, Saba N, **Wazeer A**, Qasim Z, Arshad M, Karimi S, Farooq A, Usman J, Zaheer HA. Genetic Diversity of Human Immunodeficiency Virus Type 1 in Asymptomatic Blood Donors in Islamabad, Pakistan. *J Lab Physicians* 2020; 12(2): 092-097. DOI: 10.1055/s-0040-1716593.
25. Waheed U, Ahmed S, Saba N, **Wazeer A**, Qasim Z, Zaheer HA. Haemovigilance as a quality indicator in transfusion medicine: Pakistan's perspective. *Ann Pak Inst Med Sci.* 2020; 16(1): 46-51.
26. Waheed U, Saba N, **Wazeer A**, Farooq A, Arshad M, Zaheer HA. Molecular epidemiology of Hepatitis Delta virus among blood donors in Islamabad, Pakistan. *Glob J Transfus Med.* 2020;5(1): 96-97.
27. Waheed U, Saba N, **Wazeer A**. COVID-19 and convalescent human plasma: Prospects and challenges. *Ann Pak Inst Med Sci.* 2020; 16(2): 55-57.
28. Waheed U, Saba N, **Wazeer A**, Arshad M, Zaheer HA. Epidemiology of syphilis in blood donors in Pakistan. *Glob J Transfus Med.* 2020;5(1): 100-101.
29. Waheed U, Abdella YE, Saba N, Arshad M, **Wazeer A**, Usman J, Arshad A, Zaheer HA. Evaluation of screening effectiveness of HBsAg and anti-HCV rapid test kits in Pakistan. *J Lab Physicians* 2019;11(4):369-372.
30. Waheed U, Hwang M, Saba N, Hong S, Saeed M, **Wazeer A**, Arshad M, Usman J, Zaheer HA. Evaluation of the AFLAS anti-HCV assay for the detection of Hepatitis C virus infection. *Glob J Transfus Med.* 2019;4(2): 198-203.
31. Waheed U, Arshad M, Saeed M, **Wazeer A**, Farooq A, Arshad A, Zaheer HA. Spectrum of alloimmunization among multitransfused beta-thalassemia major patients. *Glob J Transfus Med* 2019;4:39-44.
32. Waheed U, Azmat M, **Wazeer A**, Sultan S, Irfan SM, Zaheer HA. Evaluation of blood requisition and utilization practices at a tertiary care hospital blood bank in Islamabad, Pakistan. *Glob J Transfus Med* 2017;2(2):113-117.
33. Waheed U, Hasan SI, **Wazeer A**, Zaheer HA. The status of blood safety in Islamabad, Pakistan. *Ann. Pak. Inst. Med. Sci.* 2016; 12(4):209- 214.
34. Waheed U, **Wazeer A**, Iqbal Z, Qasim Z, Zaheer HA. Surveillance of adverse transfusion reactions in multi transfused thalassaemia patients in Mirpur, Azad Jammu and Kashmir, Pakistan. *Ann. Pak. Inst. Med. Sci.* 2016; 12(1):27-30.
35. Chishti HM, Waheed U, Ansari MA, **Wazir I**, Hussain Z. ABO and Rhesus (D) blood group phenotypes in Mirpur, Azad Jammu Kashmir, Pakistan, 2008-12. *J Pub Health Biol Sci.* 2012;1(2):43-46.

Conference Papers (Abstracts)

1. Hussain W, Waheed U, **Wazeer A**, Saba N, Latif Z, Saeed M. Hepatitis B virus infection in thalassaemia major patients: A cross-sectional study from Northern

- Pakistan. Vox Sanguinis 2022; 117 (Suppl. S1): p 158. IF 2.34. DOI: <http://10.1111/vox.13284>.
2. Saba N, Waheed U, **Wazeer A**, Qasim Z, Zahoor A, Hussain W. Prevalence of HCV infection in beta thalassaemia major patients of Azad Jammu and Kashmir. Vox Sanguinis 2021; 117 (Suppl. S1): p 162. IF 2.34. DOI: <http://10.1111/vox.13284>.
 3. **Wazeer A**, Waheed U, Saba N, Hashemi E, Jabbar A, Awan MT. An outbreak of hepatitis E virus in an internally displaced population of Afghanistan. Vox Sanguinis 2022; 117 (Suppl. S1): p 170. IF 2.34. DOI: <http://10.1111/vox.13284>.
 4. Saba N, Waheed U, Nasir J, Mohammad I, **Wazeer A**, Nisar M, Ahmed S. Epidemiology and trends of transfusion transmissible infection among voluntary and replacement blood donors at a Regional Blood Centre in Pakistan. Vox Sanguinis 2021; 116 (Suppl. s1): p 53-54. IF 2.34 DOI: 10.1111/vox.13117.
 5. Waheed U, Saba N, **Wazeer A**, Ahmed S. The epidemiology of Hepatitis B and Hepatitis C among thalassaemia major patients in Pakistan: A systematic review and meta-analysis. Vox Sanguinis 2021; 116 (Suppl. s1): p 53. IF 2.34 DOI: 10.1111/vox.13117.
 6. Waheed U, Saba N, **Wazeer A**, Arshad M, Farooq A, Zaheer H. Molecular characterization of HIV-1 in asymptomatic blood donors in Islamabad, Pakistan. Vox Sanguinis 2020; 115 (Suppl. s1): p 214. IF 2.34.
 7. **Wazeer A**, Waheed U, Saba N, Hwang M, Hong S, Arshad M, Zaheer H. Evaluation of the automated Fluorescent Immunoassay System anti-hepatitis C virus assay for the detection of hepatitis C virus infection. Vox Sanguinis 2020; 115 (Suppl. s1): p 198. IF 2.34.
 8. **Wazeer A**, Waheed U, Saba N, Arshad M, Zaheer H. Epidemiology of Syphilis in blood donors in Pakistan. Vox Sanguinis 2020; 115 (Suppl. s1): p 217. IF 2.34.
 9. **Wazeer A**, Waheed U, Saba N, Farooq A, Arshad M, Zaheer H. Molecular epidemiology of hepatitis delta virus among blood donors in Islamabad, Pakistan. Vox Sanguinis 2020; 115 (Suppl. s1): p 229. IF 2.34.
 10. **Wazeer A**, Waheed U, Zaheer HA, Qasim Z. Blood Donor Deferral Pattern in Mirpur, Azad Jammu and Kashmir. Vox Sanguinis 2019; 114 (Suppl. 1): p 99. IF 2.34.
 11. **Wazeer A**, Masood I, Waheed U, Moneeba S, Basharat N, Zaheer HA. Molecular epidemiology of Hepatitis B virus genotypes in blood donors in Islamabad, Pakistan. Vox Sanguinis 2017; 112 (Suppl. 2), p 14. IF 2.10.
 12. **Wazeer A**, Qasim Z, Waheed U, Zaheer HA. Incidence of Hepatitis B and C viruses among blood donors of a teaching hospital in Mirpur, Azad Jammu Kashmir, Pakistan. Vox Sanguinis 2017; 112 (Suppl. 2), p 96. IF 2.10.
 13. Usman J, Moneeba S, Waheed U, Arshad M, **Wazeer A**, Zaheer HA. Evaluation of HBcAb and HBsAg in Comparison with Polymerase Chain Reaction for the Diagnosis of Hepatitis B Virus Infection Vox Sanguinis 2017; 112 (Suppl. 1): p 171. IF 2.62. IF 2.10.

14. Khan AR, Ahmad B, Waheed U, Hafeez R, **Wazeer A**, Zaheer HA. Evaluation of Rapid Screening Tests for Syphilis in Islamabad, Pakistan Vox Sanguinis 2017; 112 (Suppl. 1): p 182. <https://doi.org/10.1111/vox.12530> IF 2.10.
15. **Wazeer A**, Basharat N, Waheed U, Hafeez R, Usman J, Zaheer HA. Epidemiology of Torque Teno Virus in Blood Donors and its Implication on Blood Safety. Vox Sanguinis 2017; 112 (Suppl. 1): p 190. IF 2.10.
16. Waheed U, Azmat M, **Wazeer A**, Hafeez R, Zaheer HA. Evaluation of Blood Requisition and Utilization Practices at a Tertiary Care Hospital Blood Bank in Islamabad, Pakistan Vox Sanguinis 2017; 112 (Suppl. 1): p 266. IF 2.10.
17. **Wazeer A**, Qasim Z, Iqbal Z, Waheed U, Zaheer HA. Incidence of Adverse Transfusion Reactions in Multi transfused Thalassaemia Patients in Mirpur, Azad Jammu Kashmir, Pakistan. Vox Sanguinis 2016; 111 (Suppl. 1): p 270. IF 2.10.
18. **Wazeer A**, Qasim Z, Iqbal Z, Waheed U, Zaheer HA. Surveillance of Adverse Events in Blood Donors: Experience from Mirpur, Azad Jammu Kashmir, Pakistan. Blood Transfus 2016; 14 (Suppl 1): s67. doi: 10.2450/2016.S1 IF 2.37.
19. Masood I, Waheed U, **Wazeer A**, Moneeba S, Basharat N, Zaheer HA. Molecular epidemiology of hepatitis B virus genotypes in blood donors. Annual Conference of Pakistan Society of Haematology, February 2018, Rawalpindi.
20. Waheed U, Arshad M, Usman J, Farooq A, **Wazeer A**, Zaheer HA. Surveillance of HIV infection in blood donors in Pakistan: A systematic review and meta-analysis. Annual Conference of Pakistan Society of Haematology, February 2018, Rawalpindi.
21. Qasim Z, Waheed U, **Wazeer A**, Iqbal Z, Zaheer HA. Surveillance of adverse transfusion reactions in multi transfused thalassaemia patients in Mirpur, Azad Jammu and Kashmir, Pakistan. Annual Conference of Pakistan Society of Haematology, February 2017, Lahore.
22. Waheed U, Azmat M, **Wazeer A**, Hafeez R, Zaheer HA. Evaluation of blood requisition and utilization practices at a tertiary care hospital blood bank in Islamabad, Pakistan. Annual Conference of Pakistan Society of Haematology, February 2017, Lahore.