

CURRICULUM VITAE

Muhammad Saboor

Contact Information: Department of Medical Laboratory Sciences,
College of Health Sciences, University of Sharjah, Sharjah, United Arab Emirates
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ACADEMIC QUALIFICATIONS

- | | | |
|-------------|------------------------------------|---|
| 2013 | Ph.D. Hematology | Baqai Medical University, Karachi, Pakistan |
| 2009 | M. Phil Hematology | Baqai Medical University, Karachi, Pakistan |
| 2007 | M.Sc. Microbiology | Federal Urdu University, Karachi, Pakistan |
| 2006 | M.Sc. Hematology Technology | Baqai Medical University, Karachi, Pakistan |
| 2004 | B.Sc. Medical Technology | Baqai Medical University, Karachi, Pakistan |

PROFESSIONAL QUALIFICATIONS

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|-------------|---|---|
| 2019 | Hematopathology Specialist | Saudi commission for Health Specialties |
| 2015 | Clinical Scientist (Hematology) | Health Care Professional Council, UK |
| 2015 | International Specialist in Hematology | American Society for Clinical Pathology |
| 2014 | International Technologist in Hematology | American Society for Clinical Pathology |
| 2014 | International Medical Lab. Scientist | American Society for Clinical Pathology |

ACADEMIC POSITIONS

- August 2022 – Continued.** **Associate Professor** College of Health Sciences, Department of Medical Laboratory Sciences, University of Sharjah, Sharjah, United Arab Emirates
- April 2021 – August 2022** **Associate Professor,** College of Applied Medical Sciences, Department of Medical Laboratory Technology, Jazan University, Jazan, Kingdom of Saudi Arabia

Dec 2015 – Mar 2021 **Assistant Professor**, College of Applied Medical Sciences,
Department of Medical Laboratory Technology Jazan University,
Jazan, Kingdom of Saudi Arabia

Mar 2010 – Dec 2015 **Assistant Professor**, Baqai Institute of Hematology, Baqai Medical
University, Karachi, Pakistan

May 2007 – Mar 2010 **Lecturer**, Baqai Institute of Hematology, Baqai Medical
University, Karachi, Pakistan

Feb 2007 – Dec 2007 **Visiting Lecturer**, School of Diagnostic Laboratory Sciences,
Liaquat National Hospital, Karachi, Pakistan

PROFESSIONAL POSITIONS AND OTHER POSITIONS

June 2020– Aug 2022 **Research Scientist**, Medical Research Center, Jazan University, Jazan

Aug 2015 – Dec 2015 **Director**, Baqai Institute of Medical Technology, Baqai Medical
University, Karachi, Pakistan

Aug 2015 – Dec 2015 **In-charge**, Pathology Lab. and Blood Bank, Fatima Hospital, BMU

Dec 2007 – Aug, 2014 **In-charge**, Pathology Lab. & blood bank, Baqai Medical Ununiversity
Hospital, Nazimabad, Karachi, Pakistan

April 2006 – April 2007 **Assistant Medical Technologist**, Blood Bank, Liaquat National
Hospital. Karachi, Pakistan

July 2013 – Dec 2015 **Assistant Secretary**, Board of Advanced Studies and Research, Baqai
Medical University, Karachi, Pakistan

March 2014 Higher Education Commission of Pakistan’s Approved Supervisor for
Ph.D. (Reg. No. HEC/HRD/ASA/2017/17419)

AWARD

December 2014 **Higher Education Commission's Best University Teacher Award for
the year 2012 – 2013**

MEMBERSHIP WITH PROFESSIONAL BODIES

Jan 2008 – Contd. **Member, Pakistan Association of Pathologists**

Feb 2015 – Contd. **Member, Asian Association of Transfusion Medicine**

Nov 2014 – Contd. **Executive Council Member, South Asian Association of Medical
Laboratory Scientists**

Oct 2013 – Contd. **Member, Pakistan Advisory Board of the International
Consortium for ASCPⁱ**

Oct 2013 – Contd. **Member, American Society for Clinical Pathology**

Oct 2013 – Mar 2015. **Member, International Society for Blood Transfusion**

Jan 2013– Contd. **Member, American Society for Microbiology**

PUBLICATIONS

1. Mobarki AA, Dobie G, **Saboore M**, Madkhali AM, Madkhali MM, Madkhali B, Hummadi Y, Meshi A, Akhter MS, Hamali HA. Prevalence of rare but potentially life threatening viral, parasitic and bacterial infections in healthy blood donors from Jazan region. Submitted.
2. Mobarki AA, Hamali HA, Dobie G, **Saboore M**, Madkhali AM, Habillah MM, Nahari MH, Almasabi A, Kamli H. Prevalence and correlation of vitamin D levels with hematological and biochemical parameters in young adults. Accepted.
3. Abdalhabib EK, Alzahrani B, **Saboore M**, Hamza A, Elfaki EM, Alanazi F, Alenazy FO, Algarni A, Ibrahim IK, Mohamed HA, Alfeel AH, Alshaikh NA. IL-10 rs1800896 polymorphism; a risk factor for adult acute lymphoblastic leukemia. *Pharmgenomics Pers Med.* 2022; 15: 809 – 815.
4. Hamali HA, Muasbil AA, Otaif TH, Qahtani MK, **Saboore M**, Dobie G, Madkhali AM, Akhter MS, Chandika RM, Mobarki AA. Public knowledge and awareness toward glucose-6-phosphate dehydrogenase deficiency anemia in Jazan region. *King Khalid Univ J Health Sci* 2022; 7: 52 – 58.
5. Mobarki AA, Madkhali MM, Dobie G, **Saboore M**, Madkhali AM, Madkhali B, Hummadi Y, Meshi A, Al-Mekhlafi HM, Akhter MS, Hamali HA. Patterns of Hepatitis B, Hepatitis C and HIV among blood donors in Samtah-Jazan Region. *J Epidemiol Glob Health.* 2022. <https://doi.org/10.1007/s44197-022-00051-7>
6. Abdalhabib EK, Algarni A, **Saboore M**, Alanazi F, Ibrahim IK, Alfeel AH, Alanazi AM, Alanazi AM, Alruwaili AM, Alanazi MH, Alshaikh NA. Association of TNF- α rs1800629 with adult acute B-Cell lymphoblastic leukemia. *Genes.* 2022; 13(7):1237.
7. Hamali HA, Madkhali MM, Dobie G, Madkhali AM, Madkhali B, Hummadi Y, Meshi A, Akhter MS, Mobarki AA, **Saboore M**. Prevalence of Rh and K phenotypes among blood donors from different ethnicities in Samtah (Southwestern Region) Saudi Arabia. *Int J Immunogenet.* 2022; 1 – 7.

8. Hamali HA, **Saboore M**, Dobie G, Madkhali AM, Akhter MS, Hakamy A, Al-Mekhlafi HM, Jackson DE, Matari YH, Mobarki AA. Procoagulant microvesicles in COVID-19 patients: Possible modulators of inflammation and prothrombotic tendency. *Infect Drug Resist.* 2022; 15: 2359 – 2368.
9. Halawani AJ, Mobarki AA, Arjan AH, **Saboore M**, Hamali HA, Dobie G, Alsharif KF. Red blood cell alloimmunization and autoimmunization among transfusion-dependent patients in Saudi Arabia. *IJGM.* 2022; 15: 4093 – 4100.
10. Alkhaldy AH, Awan ZA, Abouzaid AA, Elbahaey HM, Al Amoudi SM, Shehata SF, **Saboore M**. Effect of altitude on hemoglobin and red blood cell indices in adults in different regions of Saudi Arabia. *IJGM.* 2022; 15: 3559 – 3565.
11. Abdalhabib EK, Alzahrani B, Alanazi F, Algarni A, Ibrahim IK, Mohamed HA, Hamali HA, Mobarki AA, Dobie G, **Saboore M**. Increased risk of acute lymphoblastic leukemia in adult patients with GSTM1 null genetic polymorphism. *Pharmgenomics Pers Med.* 2022; 15: 227 – 234.
12. **Saboore M**, Asghar Khan, Hamali HA, Mobarki AA, Madkhali AM. Correlation of antithrombin functional activity and level with liver fibrosis in patients with hepatitis C. *Clin Lab.* 2022;68(02): 374 – 377.
13. Halawani AJ, **Saboore M**, Abu-Tawil HI, Alhazmy AY, Mashlawi WQ, Bantun F, Mansoor AS. The frequencies of Kidd blood group antigens and phenotypes among Saudi blood donors in Southwestern Saudi Arabia. *Saudi J Bio. Sci.* 2022; 29(1): 251 – 254.
14. Abdalhabib EK, Alfeel A, Ali EI, Ibrahim KI, Mobarki AA, Dobie G, Hamali HA, **Saboore M**. Risk factors of venous thromboembolism in Sudanese pregnant women. *BJMG.* 2021; 24(02): 49 – 54.
15. Abdalhabib EK, Jackson DE, Alzahrani B, Elfaki E, Hamza A, Alanazi F, Ali EI, Algarni A, Ibrahim IK, **Saboore M**. Combined GSTM1 null and XPD Lys/Lys genetic polymorphisms

- and their association with increased risk of chronic myeloid leukemia. *Pharmgenomics Pers Med.* 2021;14: 1661 – 1676.
16. Mobarki AA, Dobie G, **Saboore M**, Madkhali AM, Akhter MS, Hakamy A, Humran A, Hamali Y, Hamali Y, Jackson DE, Hamali HA. MPR and NLR as Prognostic Markers in ICU-Admitted Patients with COVID-19 in Jazan, Saudi Arabia. *Infect Drug Resist.* 2021;14: 4859 – 4864.
 17. Abdalhabib EK, Jackson DE, Alzahrani B, Elfaki E, Hamza A, Elsbali AM, Alanazi F, Algarni A, Ibrahim IK, **Saboore M**. Age- and gender-independent association of XRCC1 Arg399Gln polymorphisms with chronic myeloid leukemia. *IJGM.* 2021; 14: 8321 – 8236.
 18. Theyab A, Algahtani M, Dobie G, Hamali HA, Mobarki AA, **Saboore M**, et al. A rare pediatric case report with review of literature for the diagnosis of acute megakaryoblastic leukemia (FAB M7). *Recent Adv Biol Med.* 2021;7(3):1443014
 19. Akhter MS, Mobarki AA, Hamali HA, **Saboore M**, Madkhali AM, Dobie G, Hobani HY, Eisa ZM. Prevalence of β -S globin haplotypes in Jazan region of Saudi Arabia. *Clin Lab.* 2021;67(08): 1871 – 1876.
 20. **Saboore M**. Hecpidin; structure, functions and role in hematologic diseases. *Majmaah J Heal Sci.* 2021; 9(03): 121 – 136.
 21. **Saboore M**. Discrimination of iron deficiency, alpha and beta thalassemia on the basis of red cell distribution width and reticulocyte indices. *Clin Lab.* 2021; 67(6):1365 – 1370.
 22. Alkhaldy H, Awan ZA, Al Amoudi SM, **Saboore M**. Aging at high altitude: A study of the combined effect of Aging and Altitude on the Hemoglobin and RBC indices. *Int J Gerontol.* 2021; 15(2): 160 – 164.
 23. Ahmed Saeed, **Saboore M**. Prevalence and specificity of red cell alloantibodies in untransfused multiparous women. *Clin Lab.* 2021; 67(4): 1035 – 1041.

24. **Saboor M.** Utilization of discriminant formulas in the differentiation of alpha thalassemia, beta thalassemia and iron deficiency in premarital setting. *Clin Lab.* 2021; 67(4): 922 – 928.
25. Anwar H, **Saboor M**, Ghani R. Validation of reverse transcriptase polymerase chain reaction for the detection of Dengue virus and its serotyping using multiplex polymerase chain reaction. *IRBAS.* 2021; 9(2): 30 – 36.
26. **Saboor M**, Amtuz Zehra, Hamali HA, Mobarki AA. Revisiting iron metabolism, iron homeostasis and iron deficiency anemia. *Clin Lab.* 2021; 67(3): 660 – 666.
27. Halawani AJ, **Saboor M**, Abu-Tawil A, Mazhari AA, Mansoor AS, Bantun F. Prevalence of Duffy blood group antigens and phenotypes among Saudi blood donors in Southwestern Saudi Arabia. *Clin Lab.* 2021; 67(1): 173 – 177.
28. Awan ZA, Al Amoudi SM, **Saboor M**, Alkhaldy H. Isolated neutropenia / benign ethnic neutropenia; A common clinical and laboratory finding in Southern and Southwestern Saudi Arabia. *IJGM.* 2021; 14: 451 – 457.
29. **Saboor M**, Mobarki A, Hamali HA, Halawani AJ, Hobani YH, Abdullah SM, Mashi AM. Frequency and genotyping of alpha thalassemia in individuals undergoing premarital screening. *JPMA.* 2021; 71(1(A)):101–104.
30. Hamali HA, Mobarki AA, Akhter MS, **Saboor M**, Madkhali AM, Hakami A, Eisa ZM, Dobie G, Halawani AJ, Hobani Y. Elevated levels of procoagulant microvesicles in dengue-infected patients. *Future Virology.* 2020; 15(10): 701–706.
31. **Saboor M**, Amtuz Zehra, Hamali HA, Halawani AJ Mobarki AA, Madkhali AM, Abdullah S. Prevalence of A₂ and A₂B subgroups and anti-A₁ antibody in blood donors in Jazan, Saudi Arabia. *IJGM.* 2020;13: 787–790.
32. Hamali HA, Mobarki AM, **Saboor M**, Alfeel A, Madkhali AM, Akhter MS, Dobie G. Prevalence of anemia among Jazan University Students'. *IJGM.* 2020; 13: 765–770.

33. Hamali HA, **Saboor M**. Undiagnosed hemoglobinopathies; a potential threat to the premarital screening program. *Pak J Med Sci*. 2019; 35(6): 1611 – 1615.
34. Qamar K, **Saboor M**. Jak 2 and STAT proteins; a mini review. *Biomedica*. 2018; 34 (4): 232–235.
35. Razzaque SA, Aziz Q, Hassan F, **Saboor M**, Naz S, Maheshwary N, Wajid Z, Anwar A. A cross sectional study highlighting the sensitivity patterns and incidence of extended spectrum beta lactamase producing *Klebsiella oxytoca* in patients with urinary tract infection. *Int J Pul Inf Diseases*. 2017; 1(1):1–5.
36. Zehra A, Saleh Abdullah SM, **Saboor M**, Moinuddin. Effect of intravenous iron supplementation on hepcidin levels in iron deficient pregnant females in second and third trimester. *Indian J Hematol Blood Transfus* (2017). 33 (3): 396 – 401.
37. Aban M, Siddqui I, **Saboor M**, Moatter T. Relationship of cyclooxygenase-2 linked polymorphisms and haplotypes with breast cancer histopathological, hormonal and HER-2 Status in Pakistan. *J Cancer Biol Res*. 2016; 4(2): 1083.
38. Saleh Abdullah SM, Ayub Q, **Saboor M**, Moinuddin. Pre and post apheresis platelet CD markers' evaluation using flow cytometry. *JPMA*. 2016; 66(11):1440 – 1443.
39. **Saboor M**, Zehra A, Qamar K, Moinuddin. Disorders associated with malabsorption of iron; a critical review. *Pak J Med Sci*. 2015; 31(6):1549-1553.
40. Ujjan ID, Akhund AA, **Saboor M**, Qureshi MA, Khan S. Cytogenetic and Molecular Analyses of Philadelphia Chromosome Variants in CML (Chronic Myeloid Leukemia) Patients from Sindh using Karyotyping and RT-PCR. *Pak J Med Sci*. 2015;31(4):936-940.
41. **Saboor M**, Moinuddin, Ilyas S. Effect of clopidogrel on platelet CD markers in normal individuals and in patients with untreated type 2 diabetes mellitus. *J Coll Physicians Surg Pak*. 2015; 25 (5): 380-382.

42. Qudsia F, **Saboor M**, Khosa SM, Ayub Q, Moinuddin. Comparative analysis of serum iron, serum ferritin and red cell folate levels among breast fed, fortified milk and cow's milk fed infants. *Pak J Med Sci* 2015;31(3):706-709.
43. Qamar K, **Saboor M**, Qudsia F, Khosa SM, Moinuddin, Usman M. Malabsorption of iron as a cause of iron deficiency anemia in postmenopausal women. *Pak J Med Sci*. 2015; 31(2): 304-308.
44. Tabassum N, Ghani R, **Saboor M**, Moinuddin M. Chronic myeloid leukemia with rare e1a3 BCR-ABL transcript. *Pak J Med Dent* 2015; 4(1):70-73.
45. Zahid SS, **Saboor M**, Ilyas S, Mir A. Levels of serum iron, total iron binding capacity and serum ferritin in regular healthy volunteer blood donors; an alarming situation. *KJMS*. 2015; 8(1):69-71.
46. Tabassum N, **Saboor M**, Ghani R, Moinuddin M. Heterogeneity of BCR-ABL rearrangement in patients with chronic myeloid leukemia in Pakistan. *Pak J Med Sci*.2014; 30 (4): 850-853.
47. **Saboor M**, Ansari MA, Waheed U, Anwarullah, Umar M. Prevalence of Extended Spectrum Lactamase Producing Enterobacteriaceae in a Private Hospital of Islamabad, Pakistan. *Int J Rehabil Sci*. 2014, 3(2):18-21.
48. **Saboor M**, Qudsia F, Qamar K, Moinuddin M. Levels of calcium, corrected calcium, alkaline phosphatase and inorganic phosphorus in patients' serum with β -thalassemia major on subcutaneous deferoxamine. *J Hematol Thromb Dis* 2014; 2: (2). 130.
49. **Saboor M**, Moinuddin, Ajaml M, Ilyas S. Functional status of vascular endothelium in diabetes. *J Ayub med Coll Abbottabad* 2014; 26(2): 239-243.
50. **Saboor M**, Ullah A, Qamar K, Mir A, Moinuddin. Frequency of ABH secretors and non-secretors: A cross sectional study in Karachi. *Pak J Med Sci* 2014; 30(1):189-193.

51. Tabassum N, **Saboore M**, Ghani R, Moinuddin M. Frequency of JAK2 V617F mutation in patients with Philadelphia positive Chronic Myeloid Leukemia in Pakistan. *Pak J Med Sci*. 2014; 30(1):185-188.
52. **Saboore M**, Ayub Q, Ilyas S, Moinuddin. Platelet receptors: An instrumental of platelet physiology. *Pak J Med Sci* 2013; 29(3):891-896.
53. **Saboore M**, Moinuddin, Ilyas S. New horizons in platelets flow cytometry. *Malays J Med Sci*. 2013; 20(2): 63-67.
54. **Saboore M**, Moinuddin M, Ilyas S. Comparison of platelet CD markers between normal individuals and untreated patients with type 2 diabetes mellitus. *J Hematol Thromb Dis* 2013; 2 (1): 123. doi: 10.4172/2329-8790.1000123.
55. Ghani R, **Saboore M**, Ahmed I, Mushtaq S. Moinuddin. Identification of β -globin gene mutations in families and the affected child with β thalassemia major: Importance of prenatal diagnosis. *Adv. Res. Biol. Sci*. 2013; 1(4): 45-50.
56. **Saboore M**, Moinuddin, Ilyas S. Flow cytometry based chronologic analysis of surface glycoproteins of resting and stimulated platelets in normal individuals. *Pak J Med Sci*. 2012; 28(4):625-629.
57. **Saboore M**, Moinuddin, Raqqaz MA, Tahir N. Soluble transferrin receptors in malaria. *J Coll Physicians Surg Pak*. 2012; 22(7): 432-434.
58. Moinuddin, Imran M. **Saboore M**. Therapeutics of iron deficiency anemia. *Hematology Updates* 2012. Pakistan Society of Hematology Education Services. 2012; 2:1-8.
59. **Saboore M**, Moinuddin, Ilyas S. Platelets structural, functional and metabolic alterations in diabetes mellitus. *Pak J Physiol* 2012; 8(2): 40-43.
60. **Saboore M**, Moinuddin, Noreen A. Soluble transferrin receptor: a differentiating marker between iron deficiency anaemia and anaemia of chronic disorders. *J Ayub Med Coll Abbottabad* 2011; 23(3):115-118.

61. **Saboor M, Moinuddin.** Soluble transferrin receptors in the diagnosis of iron deficiency anemia, β thalassemia minor and β thalassemia minor with concomitant iron deficiency anemia. Pak J Med Sci. 2011; 27(1):110-114.

BOOKS

1. **Saboor M, Moinuddin.** Hematology for the undergraduates. Higher Education Commission of Pakistan. 2015. ISBN: 978-969-417-181-4
2. **Saboor M.** Soluble transferrin receptors in microcytic and hypochromic anemias. LAP LAMBERT Academic Publishing GmbH & Co. KG. Germany. June 2013. ISBN: 978-3-659-41977-5.
3. **Saboor M.** Platelet CD markers by flow cytometry in normal subjects and diabetics LAP LAMBERT Academic Publishing GmbH & Co. KG. Germany. May 2013. ISBN: 978-3-659-38594-0.

MONOGRAPHS

1. **Muhammad Saboor, Muhammad Rizwan, Moinuddin.**
In search of lymphoma classification
Baqai Medical University Press.
2. **Muhammad Saboor, Atika Khatoon, Moinuddin.**
Stains in Hematology
Baqai Medical University Press.
3. Moinuddin, **Muhammad Saboor, Saira Bilal.**
Hematology for Physicians
Baqai Medical University Press.
4. Moinuddin, Maryam Imran, **Muhammad Saboor.**
Bedside Hematology
Baqai Medical University Press.

SUPERVISION OF RESEARCH PROJECTS

Funded Research Project

1. 2017 – 2020: Principal Investigator; Identification of α thalassemia gene(s) deletion in thalassemia suspected couples undergoing premarital screening. Deanship of Scientific Research, Jazan University, Saudi Arabia. (Reference No. JUP8//000348)
2. 2017 – 2020: Co-Investigator; Frequency of Kell, Kidd, Duffy and Dombrok blood groups through molecular analysis. (Reference No. JUP8//000314)
3. 2017 – 2020: Sickle cell haplotypes in patients with sickle cell anemia in Jazan, Saudi Arabia.

M.Sc. Dissertations

1. 2013: Frequency of ABH secretors and non-secretors: a cross sectional study in Karachi
2. 2013: Levels of calcium, corrected calcium, alkaline phosphatase and inorganic phosphorus in patients with β -thalassemia major on subcutaneous deferoxamine
3. 2013: Differentiation of iron deficiency anemia and β -thalassemia minor on the basis of red cell parameters, serum iron profile and hemoglobin A₂ level
4. 2013: Recently developed red cells parameters for the differentiation of anemia
5. 2011: Soluble transferrin receptors in malaria
6. 2011: Evaluation of soluble transferrin receptors in patients with chronic liver diseases
7. 2011: Evaluation of Soluble transferrin receptors in hyper ferritinemia in multi transfused patients with β -thalassemia major

M.Phil supervision / co-supervision

1. 2013-2015: Pre and post treatment hepcidin levels in patients with iron deficiency anemia
2. 2011-2014: Pre and post apheresis platelet CD markers evaluation using flow cytometry

EDUCATIONAL WORKSHOPS ATTENDED

1. Bioethics Online Training Course, National Committee of Bioethics, King Abdulziz City for Science and Technology, Saudi Arabia.
2. Code of Ethics, Saudi Commission for Health Specialties (SCFHS), December 30, 2019.
3. Patient Safety Program, Saudi Commission for Health Specialties (SCFHS), December 30, 2019.
4. Infection Prevention and Control Program, Saudi Commission for Health Specialties (SCFHS), December 29, 2019.
5. Achievements in blood transfusion system reform. December 03, 2015. Safe Blood Transfusion program and GIZ. Islamabad.
6. Biosafety in Pakistan-Challenges and Solutions. November 28, 2014. ASM-Bio Resource Centre, University of Karachi
7. Data analysis using Statistical Package for Social Sciences (SPSS). June 7– 8, 2014. Shaheen Research Group. Karachi
8. National testing strategy and algorithms for screening of blood for transfusion transmitted infections. November 6 – 8, 2013. Husaini Blood Bank, Karachi
9. Problem-Based Learning. January 23, 2013. Baqai Medical University, Karachi
10. Dengue Epidemic: A challenge for blood transfusion services in Pakistan. December 26, 2012. Pakistan Society of Blood Transfusion, Islamabad
11. Anti-Platelet Properties On Naturally Occurring Chemicals In Pakistani Herbs/Plants. November 16–25, 2009. Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi, Karachi

12. Haematopathology; Haematology Conference and Scientific Exhibition. October 15–18, 2009. National Institute of Blood Disease and Bone Marrow Transplantation, Karachi
13. Haemostasis; Haematology Conference and Scientific Exhibition. October 15–18, 2009. National Institute of Blood Disease and Bone Marrow Transplantation, Karachi
14. Acute Lymphoblastic Leukemia;7th Hamdard International Symposium. December 18, 2008. Hamdard University Hospital, Karachi.
15. Horizons In PCR. May 9–11, 2006. Baqai Institute of Hematology, Baqai Medical University, Karachi
16. Workshop On Hemostasis. September 18–October 9, 2005. Baqai Institute of Hematology, Baqai Medical University, Karachi
17. Quality Assurance Program In Blood Banking. August 24–September 24, 2005. Baqai Institute of Hematology, Baqai Medical University, Karachi

CONFERENCES/ SEMINARS ATTENDED

1. Annual Saudi Hematology Congress 2022. Virtual Meeting. March 03 – 09, 2022.
2. Middle East and North Africa Hematology Congress 2021. May 28 – 31, 2021.
3. The 19th Saudi Society of Hematology Congress and The 10th Pan Arab Hematology Association Congress, February 19 – 20, 2021, Jeddah, Saudi Arabia.
4. Acute Lymphoblastic Leukemia, February 2, 2021, Saudi Society of Blood Disorders.
5. 7th Translational Research E-Conference Myelodysplastic Syndromes, January 28 – 31, 2021, European School of Haematology.

6. Rethink Sickle cell Disease – Jizan. March 2, 2020. Jazan, Saudi Arabia.
7. V2V Blood Transfusion Medicine, 2020, Jazan, Saudi Arabia.
8. Management strategies of thalassemia patient in Pakistan 2015. October 7, 2015. Aga Khan University, Karachi.
9. ASM-IIDRL Silver Jubilee Symposium. November 27-28, 2014. Department of Microbiology, University of Karachi in collaboration American Society for Microbiology & Pakistan Society for Immunology and Infectious Diseases. Marriot Hotel, Karachi
10. Quality & Safety Symposium. November 13, 2014. Aga Khan University, Karachi
11. Department of Pathology & Microbiology Aga Khan University Research Day 2013. November 1, 2013. Pearl Continental Hotel, Karachi
12. 11th Annual Medical Symposium 2013. October 28-29, 2013. Muhammad Medical College, Mirpurkhas
13. Safe Blood Transfusion Practices. Continuing Medical Education. September 17, 2014. University of Karachi, Organized by Husaini Blood Bank, Karachi
14. Ninth International Biennial Conference of Pakistan Society For Microbiology. January 28 – 31, 2013. University of Karachi, Karachi
15. Haematology Oncology & Transplantation Update–2010. October 1 – 2, 2010. National Institute of Blood Disease and Bone Marrow Transplantation, Karachi
16. New Blood For The World. January 30, 2010. Liaquat National Hospital, Karachi
17. Haematology Conference & Scientific Exhibition. October 15–18, 2009. Expo Center: National Institute of Blood Disease and Bone Marrow Transplantation, Karachi

18. Hematology Oncology Update 2009. March 28, 2009. National Institute of Blood Disease and Bone Marrow Transplantation, Karachi
19. 11th Annual Conference of Pakistan Society of Hematology. February 14–15, 2009. Khyber Medical College, Peshawar
20. Giving Blood Regularly. June 14, 2008. Liaquat National Hospital, Karachi
21. Hematology Oncology Update–2007. November 10, 2007. Aga Khan University, Karachi
22. Biosafety and Biosecurity Training. June 21, 2007. Aga Khan University, Karachi
23. Haematology Revised. November 11–12, 2006. Sind Institute of Urology and Transplant, Karachi
24. 8th National Hematology Conference Pakistan Society of Hematology. April 28–30, 2006. Bolan Medical College, Quetta

PAPER PRESENTATIONS/ LECTURES

1. Platelet CD markers in diabetes mellitus. Silver Jubilee Symposium. December 12 – 15, 2011. Baqai Medical University, Karachi
2. Minor blood group systems. Quality management in blood transfusion services. March 24 – 26, 2014. Husaini Blood Bank, Karachi

POSTER PRESENTED

- Ninth International Biennial Conference of Pakistan Society For Microbiology. January 28-31, 2013. University of Karachi, Karachi

EDUCATIONAL CERTIFICATES

- Computer Training Course. March 29 – May 11, 2008. Dow University of Health Sciences Karachi

CERTIFICATES OF APPRECIATION

1. Certificate of Contribution: Development of a training curriculum for blood transfusion services. Safe blood transfusion program and GIZ. Islamabad
2. Facilitator: Quality management in blood transfusion services. March 24 – 26, 2014. Husaini Blood Bank, Karachi
3. For participation as Manager in the Introduction To Medical Laboratory Training Course, Under Benazir Bhutto Shaheed Youth Development Program (BBSYDP), June 17– October 14, 2013
4. Member: Committee for the Publication of Souvenir and Students' Directory. Silver Jubilee Celebrations. Baqai Medical University. December 18, 2011.
5. Facilitator: workshop on qREAL-Time PCR And Direct DNA Techniques. November 3, 2010. Baqai Medical University, Karachi