

Curriculum Vitae

Doctor Mehreen Ali Khan

Consultant Haematologist & Bone Marrow Transplant Physician

Armed Forces Bone Marrow Transplant Centre

Rawalpindi, Pakistan

Date of Birth	28 April 1972
Nationality	Pakistani
Present Position	Consultant Haematologist & Bone Marrow Transplant Physician Armed forces bone marrow transplant Centre (AFBMTC)/National Institute Of Blood & Marrow Transplant (NIBMT) Rawalpindi, Pakistan
Specialty	Haematology
Tel	Office: +92-051-9271860 Mobile: +92-333-5164941
E-Mail	mehreen35@hotmail.com

Qualifications

- MBBS 1996 King Edwards Medical University
Lahore
- Diploma Pathology (Grading) 2003 Armed Forces Post Graduate
Medical Institute, Rawalpindi
- MCPS (Clinical Pathology) 2005 College of Physicians and
Surgeons Pakistan, Karachi
- FCPS (Haematology) 2006 College of Physicians and
Surgeons Pakistan, Karachi
- ON Job Training (OJT) 2011 Department of Haematology and Bone
Marrow Transplantation, Kings College
Hospital, London, UK

- VTP ASH 2016 Department of stem cell transplant and cellular therapy, MD Anderson Cancer Centre , Houston TX, USA
- iCMLf Scholarship 2018 Leukemia Department , MD Anderson Cancer Centre, Houston, TX, USA

Career Profile

- Jan 2012 to date Consultant Haematologist Armed Forces Bone Marrow Transplant Centre, Rawalpindi, Pakistan
- Jun 2011 to Dec 2012 Visiting Fellow Kings College Hospital, London, UK
- Sep 2010 to Jun 2011 Consultant Haematologist Combined Military Hospital, Quetta, Pakistan
- Oct 2006 to Sep 2010 Consultant Haematologist Combined Military Hospital, Gujranwala, Pakistan
- Jan 2001 to Oct 2006 Registrar Haematology Armed Forces Institute of Pathology, Rawalpindi, Pakistan
- Jan 2000 to Dec 2001 Registrar Haematology Combined Military Hospital, Quetta, Pakistan
- Feb 1998 to Dec 2000 Medical Officer Combined Military Hospital, Multan, Pakistan
- Oct 1997 to Feb 1998 Basic Training Armed Forces Post Graduate Medical Institute, Rawalpindi, Pakistan
- Jul 1997 to Oct 1997 Medical Officer Combined Military Hospital, Lahore, Pakistan

Research Publications

- Congenital Afibrinogenemia-report of three cases. M Anwer, H Iqbal, **Mehreen Ali Khan**, N Saeed, M Ayyub. J Thromb Haemost 2005;3:407-408
- Graft versus host disease in Allogeneic stem cell transplantation-3 ½ years experience, Khalilullah Hashmi, Badshah Khan, P arvez Ahmed, Iftikhar Hussain, Choudhry Altaf, Shahid Raza, Hamid Iqbal, **Mehreen Ali Khan**, Hamid Saeed Malik, Muhammad Naeem, Khalid Kamal, Masood Anwar. J Pak Med Assoc 2005;55:423-427
- Association of Hyperhomocysteinemia with HereditaryThrombophilia, **Mehreen Ali Khan**, Masood Anwer, Suhaib Ahmad, Faiza Fahim, Farooq Ahmad Khan, M Amin Waqar Pak J Pathol 2007;18(2):43-46
- Methicillin Resistant Staphylococcus aureus Prevalence amongst community versus hospital acquired skin and soft tissue infections. Khalil Ahmed, Abid Mahmood, Khurram Ahmad, **Mehreen Ali Khan**. IDJ 2007;16(1):14-16
- Nocardia Canaliculitis presenting as Pouted Punctum. Salman Asghar, Abid Mahmood, **Mehreen Ali Khan**. JCPSP 2008;18(1):55-57
- Gelatinous Bone Marrow in a case of HIV. Salman Saleem, **Mehreen Ali Khan**, Ayesha Hafeez, Usman Rathore. IDJ 2011;1(1):14-16
- Myelodysplastic syndrome associated with pure red cell aplasia. Faiza Fahim, Helen Robert, Suhaib Ahmed, **Mehreen Ali Khan**. Pakistan journal of Pathology 2013;24(2):49-53
- Haematological parameters of malaria patients in Southern Pakistani population, Helen Robert, Faiza Fahim, **Mehreen Ali Khan**, Kashif Sheikh. Pak J Pathol 2013;24(4): 148-153.
- Allogeneic Stem Cell Transplantation In Chronic Myeloid Leukemia In TKIs Era. ASH publications(2013): 5554-5554. Ahmed P, Mahmood SK, Satti TM, Chaudhry QU, Shahbaz N, Khan MA, Satti HS.
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- Effects of chemotherapy on daily dietary intake of cancer patients, Shamim Akhter, Parvez Ahmed, Perveen Liaqat, **Mehreen Ali Khan**, Zaineb Akram, Hajira Ahmed, Syed Shahzad Shah. PAFNJ 2015;5:26-31
- Mucositis among stem cell transplant recipients- Experience at AFBMTC Rwp, Kishwar Sultana, Parvez Ahmed, **Mehreen Ali Khan**, Humayoon Shafique Satti, Zaineb Akram. PAFNJ 2015;5:32-37
- Autologous Mesenchymal stem cells transplantation for spinal cord injury-A phase I pilot study, Humayoon Shafique Satti, Akhter Waheed, Parvez Ahmed, Khalil Ahmed, Zaineb Akram, Tariq Mahmood Satti, Nighat Shehbaz, **Mehreen Ali Khan** Cytotherapy 2016;18:518-522
- Allogeneic Haematopoietic Stem Cell Transplantation for Beta Thalassaemia Major in Pakistan: Outcome of 186 Cases. Biology of Blood and Marrow Transplantation. 2016 Mar 1;22(3):S301. Ahmed P, Satti TM, Chaudhry QU, Ghafoor T, Mehmood SK, Shahbaz N, Khan MA, Satti HS.
- Rabbit ATG plus Cyclophosphamide with or without Fludarabine is superior conditioning regimen for patients with severe Aplastic Anaemia undergoing Allogeneic Haematopoietic stem cells transplantation . Abstract 2212 presented at American Society of Haematology ASH 58th Annual meeting and exposition at San Diego CA, Dec 3-6, 2016
- Allogeneic Haematopoietic Cell Transplantation in Aplastic Anaemia: A Dataset of 240 Cases. Blood. 2017 Dec 7;130(Supplement 1):2040-. Ahmed P, Satti TM, Chaudhry QU, Mahmood SK, Satti HS, Ghafoor T, Shahbaz N, Khan MA, Iftikhar R.
- Establishment of Haploidentical transplantation in Pakistan- Global capacity building showcase presented at American Society of Haematology ASH 59th Annual meeting and exposition at Atlanta, GA, Dec 8-12, 2017
- Lenalidomide Induced Toxic Epidermal Necrolysis and Del (5q): Co-occurrence of Rarities. Journal of the College of Physicians and Surgeons--Pakistan: JCPSP. 2018 Jun;28(6):S89-90. Chaudhry QU, Iftikhar R, Satti TM, Mahmood SK, Khan MA, Shahbaz N.
- Editorial; Haploidentical hematopoietic stem cell transplantation in Pakistan

Khan, M. A. (2018). HAPLOIDENTICAL HAEMOPOIETIC STEM CELL TRANSPLANTATION -- PAKISTANI PERSPECTIVE.

Pakistan Armed Forces Medical Journal, 68(3), 430-32.

- Review of Haploidentical Hematopoietic Cell Transplantation-Mehreen A. Khan, Qaiser Bashir, Qamar-un-Nisa Chaudhry, Parvez Ahmed, Tariq M. Satti, Syed K. Mahmood-American Journal of Global Oncology 2018
- Noble Metal Coated Central Venous Catheters are Not Superior To Uncoated Catheters in Preventing Infectious and Non-Infectious Complications in Immunocompromised patients. J Ayub Med Coll Abbottabad Oct - Dec 2018;30(4):647-51 Raheel Iftikhar, Qamar Un Nisa Chaudhry, Tariq Mahmood Satti, Syed Kamran Mahmood, Humayun Shafique Satti, Tariq Ghafoor, Mehreen Ali Khan
- Outcome of hematopoietic stem cell transplantation in fanconi anaemia: A single centre study from Pakistan. BONE MARROW TRANSPLANTATION 2019 Jul 1 (Vol. 54, pp. 171-172). MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND: NATURE PUBLISHING GROUP. Satti TM, Farhan M, Mahmood SK, Khattak TA, Chaudhry QU, Ghafoor T, Khan MA.
- Outcome of Fludarabine-Based Conditioning in High-Risk Aplastic Anemia Patients Undergoing Matched Related Donor Transplantation: A Single-Center Study from Pakistan. Biology of Blood and Marrow Transplantation. 2019 Dec 1;25(12):2375-82. Iftikhar R, Satti TM, Mahmood SK, Ghafoor T, Shamshad GU, Farhan M, Shahbaz N, Khan MA, Khattak TA, Rehman J, Humayun S.
- Epidemiology of aplastic anemia: a study of 1324 cases. Hematology. 2020 Jan 1;25(1):48-54. Ahmed P, Chaudhry QU, Satti TM, Mahmood SK, Ghafoor T, Shahbaz N, Khan MA, Satti HS, Akram Z, Iftikhar R
- Single agent Cyclosporine for Graft versus host disease prophylaxis in patients with acquired Aplastic Anemia receiving fludarabine based conditioning. Biology of Blood and Marrow Transplantation. 2020 Jul 24. Iftikhar R, Mahmood SK, Ghafoor T, Satti HS, Shahbaz N, Khan MA, Khattak TA, Shamshad GU, Rehman J, Farhan M, Humayun S.
- Allogeneic Bone Marrow Mesenchymal Stromal Cell Therapy in Patients with Steroid-Refractory Graft Versus Host Disease—a Pilot Study from Pakistan. Satti HS, Ahmed P,

Akram Z, Satti TM, Chaudhry QU, Sial N, Mahmood SK, Ghafoor T, Shahbaz N, Khan MA, Malik SA.

- FLAER based Paroxysmal Nocturnal Haemoglobinuria clone detection in patients of Aplastic Anaemia- Single centre experience from a developing country LANCET Dec 2022, Zohra Farooq, Ghassan Umair Shamsad, Mehreen Ali Khan,
- To determine the frequency of Aldehyde Dehydrogenase Type 2(ALDH2) deficiency in Aplastic Anaemia- A single centre experience from Pakistan, J Ayub Med Coll Abbotabad2023;35(3) Noor Shamim, Mehreen Ali Khan, Raheel Iftikhar, Zaineb Akram, Hina Jamshed, Jehanzeb Rehman, Qamar un Nisa, Tariq Ghafoor

Presentations

- Thrombotic Thrombocytopenic Purpura, Armed Forces Institute of Transfusion (4 Dec 2003)
- Thrombocytopenia in Dengue virus infection, 6th National Haematology Conference, Pakistan Society of Haematology, Children's Hospital and Institute of Child Health, Lahore (15 Feb 2004).
- Association of hyperhomocysteinemia with hereditary thrombophilia, 29th National Conference of Pakistan Association of Pathologists (PAP), Expo Centre Karachi (19 Nov 2005).
- Management of Acute Myeloid Leukaemia-A 4 years experience, Seminar on Stem Cell Transplantation, Armed Forces Bone Marrow Transplant Centre, Rawalpindi (7 Mar 2006).
- Chorionic villous sampling for prenatal diagnosis of β -Thalassaemia major, 8th National Haematology Conference, Pakistan Society of Haematology, Quetta (28 Apr 2006).
- Association of Bicytopenia with Dengue fever, 9th National Haematology Conference, Pakistan Society of Haematology, Sheikh Zayed Medical Complex Lahore (11 Mar 2007).
- Preanalytical errors in blood complete picture examination, 10th National Haematology Conference, Pakistan Society of Haematology, Pakistan Institute of Medical Sciences Islamabad (14 Mar 2008).
- Etiological factors of Aplastic Anaemia in Gujranwala District, Combined Military Hospital, Gujranwala (14 July 2009)
- Haematological effects of Chemical, Biological, Radiological & Nuclear Warfare, Combined Military Hospital Quetta (27 Sep 2010).

- Epidemiology of Aplastic Anaemia in Pakistan, Kings College Hospital, London, UK (26 Nov 2011)
- Outcome of Acute Promyelocytic Leukaemia, 11th Cancer Symposium, Shaukat Khanum Memorial Hospital, Lahore, (9 Nov 2012)
- Outcome of Allogeneic Bone Marrow Transplantation for Aplastic Anaemia, 1st Joint Conference of PAP/Societies of Pathologists, Islamabad (7 Dec 2012)
- Rabbit ATG plus Cyclophosphamide with or without Fludarabine is superior conditioning regimen for patients with severe Aplastic Anaemia undergoing Allogeneic Haematopoietic stem cells transplantation . Abstract 2212 presented at American Society of Haematology ASH 58th Annual meeting and exposition at San Diego CA, Dec 3-6, 2016
- Haploidentical bone marrow transplantation --National Haematology Conference, Pakistan Society of Haematology, Avari hotels Lahore (16-18 February 2017).
- Transfusion support in bone marrow transplantation, Seminar on emerging role of Haematology, 16th Health Asia international exhibition and conference, Expo Centre Lahore (3rd April 2019)
- Continuous Nursing Education- 8th WBMT Workshop & Symposium (22-24 September 2022)
- Awareness about Thalassemia prevention, Hilal e Ahmar hospital, Faisalabad 21st January 2023
- Thalassaemia prevention strategies in Pakistan, Children Hospital Faisalabad 21st January 2023
- Haemophilia and Thalassaemia, Prevention and management, CMH Muzaffarabad February 2023
- Genetics of Haemophilia, Haemophilia patients welfare society HPWS, 6th June 2023
- Role of Thrombopoitin receptor agonists in ITP and Severe Aplastic Anaemia, Seminar on TPO-RA, Ramada Hotel Islamabad, 12th August 2023
- Practice changing updates, PC Rawalpindi 17th -19th August 2023

Conferences/ Symposia Attended in Pakistan

- 6th National Haematology Conference, Pakistan Society of Haematology, Children's Hospital and Institute of Child Health, Lahore (12-15 Feb 2004).
- 11th Annual Cancer Conference – ONCO 2004, Islamabad (17-19 Dec 2004).
- 28th National Conference of Pakistan Association of Pathologists (PAP), Pakistan Institute of Medical Sciences Islamabad (24-26 Dec 2004).

- 29th National Conference of Pakistan Association of Pathologists (PAP), Expo Centre Karachi (16-19 Nov 2005).
- Seminar on Stem Cell Transplantation, Armed Forces Bone Marrow Transplant Centre, Rawalpindi (6-7 Mar 2006).
- 8th National Haematology Conference, Pakistan Society of Haematology, Quetta (28-30 Apr 2006).
- 9th National Haematology Conference, Pakistan Society of Haematology, Sheikh Zayed Medical Complex Lahore (9-11 Mar 2007).
- 10th National Haematology Conference, Pakistan Society of Haematology, Pakistan Institute of Medical Sciences Islamabad (14-16 Mar 2008).
- 11th Shaukat Khanum cancer symposium, Lahore (09-11 Nov 2012)
- 1st Joint Conference of PAP / Societies of Pathologists, Islamabad(7-9 Dec 2012)
- 2nd Joint Conference of PAP / Societies of Pathologists ,Lahore(7-9 Dec 2013)
- 13th Shaukat Khanum cancer symposium, Lahore (09-11 Nov 2014)
- 17th Annual Haematology Conference, Pakistan Society of Haematology, Rawalpindi (27 Feb-01 Mar 2015).
- 1st CME Symposium: Lymphoproliferative disorders 21st Nov 2015
- 2nd CME Symposium: Multiple Myeloma 23rd Jan 2016
- 3rd CME Symposium: Thrombosis and Haemostasis 26th Mar 2016
- 4th CME Symposium: Bone marrow failure syndromes 28th May 2016
- 5th CME Symposium: Myeloproliferative disorders 30th July 2016
- 6th CME Symposium: Haemolytic Anaemias 28th Jan 2017
- 7th CME Symposium: Acute Myeloid Malignancies 25th Mar 2017
- 8th CME Symposium: Infections in immunocompromised 21st Oct 2017
- 20th PSH International Conference Haemcon 2018, Rawalpindi (1-4 March 2018)
- 3rd Pakistan Society of Paediatric Oncology PSPOCON 2018, Rawalpindi (20th to 22nd April 2018)
- 9th CME Symposium: Red cell disorders 21st July 2018
- Surgeon Gen International Conference 2018, Pearl Continental Hotel, Rawalpindi (25th to 27th October 2018)

- 41st Annual Conference of PAKISTAN Association of Pathologists (PAP) & 6th Joint International Conference of Societies of Pathology 2018, Rawalpind (9th to 10th November 2018)
- 16th Health Asia international exhibition and conference, Seminar on emerging role of Haematology, Expo Centre Lahore (3rd April 2019)
- 21st PSH International Conference Haemcon 2019, Karachi (14-16 March 2019)
- 22nd PSH International Conference Haemcon 2020, Lahore (13-16 Feb 2020)
- 23rd PSH International Conference, Virtual Haemcon 2021, Rawalpindi (3-6 Feb 2021)
- Zoom based PSH Webinars x from March 2020 to March 2021
- 8th WBMT Workshop & Symposium Rawalpindi (22-24 September 2022)
- Haemcon 2023 Silver Jubilee Lahore (16-18 February 2023)
- Thalassemia prevention Seminar, Hilal e Ahmar hospital, Faisalabad 21st January 2023
- Thalasaemia prevention Seminar, Children Hospital Faisalabad 21st January 2023
- Haemophilia and Thalassaemia Conference, CMH Muzaffarabad February 2023
- Haemophilia Diagnosis and Management Symposium, Haemophilia patients welfare society HPWS, 6th June 2023
- Seminar on TPO-RA, Ramada Hotel Islamabad, 12th August 2023
- Practice changing updates in Haematology, A Hybrid Conference with international experts arranged by AFBMTC PC Rawalpindi 17th -19th August 2023

- **Conferences Attended in UK**

- (1) **Haematology Conferences.**

- (a) **BSBMT Education Day (British society for blood and bone marrow transplantation)** was held on 12th October 2011 at Institute of Physics, London (4 credits awarded by Royal College Of Pathologists).
 - (b) **London Lymphoma Forum** was held on 8th November 2011 at Institute of Physics, London (2 credits awarded by Royal College Of Pathologists).
 - (c) **New treatments for uncommon haematological conditions, Storage Diseases (Gauchers disease, Niemann Pick disease and Paroxysmal nocturnal haemoglobinuria (PNH))** was held on 11th November 2011 at Royal Free Hospital, London (3 credits awarded by Royal College Of Pathologists).
 - (d) **UK MDS Forum Education Day** was observed on 21st November 2011 at Royal College Of Pathologists, London (3 credits awarded by Royal College Of Pathologists).
 - (e) **Evolution in CLL-New strategies for the challenging patients** was held on 23rd November 2011 at Institute of Physics, London (3 credits awarded by Royal College Of Pathologists).

- (2) **Medical Education Conferences.**

- (a) **Keele Clinical Leadership Programme**, On 25th-26th October 2011 at Kings College Hospital Postgraduate centre, London.
 - (b) **Teaching the teachers workshop**, on 26th-27th November 2011 at Kings College Hospital Postgraduate centre, London.

- (c) **Supervision skills workshops for medical educators**, on 26th-27th November 2011 at Kings College Hospital Postgraduate centre, London.
- (d) **Equality and Diversity training**, on 26th-27th November 2011 at Kings College Hospital Postgraduate centre, London.
- (e) **Workplace based assessment workshop**, on 26th-27th November 2011 at Kings College Hospital Postgraduate centre, London.
- **Conferences Attended in Abu Dhabi**
 - (a) Thalassaemia International Federation World Congress 20th to 23rd 2013
- **Conferences Attended in USA**
 - (a) American Society of Haematology ASH 58th Annual meeting and exposition at San Diego CA, Dec 3-6, 2016
 - (b) American Society of Haematology ASH 58th Annual meeting and exposition at Atlanta, GA, Dec 8-12, 2017

Workshops /Courses Attended

- Research Methodology, Biostatistics & Medical Writing, College of Physicians & Surgeons Pakistan (22-26 Oct 2001).
- Communications Skills, College of Physicians & Surgeons Pakistan (3-5 Mar 2003)
- Blood and Bone Marrow Morphology Workshop, Armed Forces Institute of Pathology, Rawalpindi (27 Dec 2004).
- Workshop on Leukaemia Diagnosis and Management, Bismillah Taquee Institute of Health Sciences & Blood Diseases Centre, Karachi (3-6 Aug 2005).
- National Coagulation Workshop, Pakistan Institute of Medical Sciences, Islamabad (27-28 Feb 2006).
- Educational Planning & Evaluation, College of Physicians & Surgeons Pakistan (17-20 Mar 2009).
- Supervisory skills, College of Physicians & Surgeons Pakistan (13-16 Oct 2009)

- Assessment of Competence, College of Physicians & Surgeons Pakistan (14-17 Dec 2009).
- Research Methodology, Biostatics & Medical writing, College of Physicians & Surgeons Pakistan (29 Jul- 1 Aug 2010).
- Clinical audit (28 May 2011)
- Establishing hospital QMS based on ISO 9001:2008 (18-20 Jun 2012)
- Basic life support course (4 Oct 2012)
- Advanced cardiac life support course (5-6 Oct 2012)
- IRCA – UK Registered lead auditor training course ISO 9001:2008 (12-16 Nov 2012)

Workshops Conducted

- Armed Forces Advance Trauma Life Support (Transfusion support) - Combined Military Hospital, Gujranwala (13-15 Mar 2008).
- Armed Forces Advance Trauma Life Support (Transfusion support) - Combined Military Hospital, Gujranwala (29-31 May 2008).
- Chemical, Biological, Radiological & Nuclear Awareness Course Combined Military Hospital Quetta (25-27 Sep 2010).
- Primary Trauma Care (Transfusion support) - Combined Military Hospital, Quetta (17-19 Jan 2011)
- Primary Trauma Care (Transfusion support) - Combined Military Hospital, Quetta (21-23 Feb 2011)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (10-11 Jan 2014)
- Instructor ACLS – Advanced cardiac life support course, College of Physicians and Surgeons of Pakistan (CPSP) (15-16 Jan 2014)
- Instructor ACLS – Advanced cardiac life support course, College of Physicians and Surgeons of Pakistan (CPSP) (17-18 Jan 2014)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (28 Feb-01 Mar 2015)

- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (7 Mar 2014)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (28 Feb-01 Mar 2014)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (28 Feb-01 Mar 2014)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (28 Feb-01 Mar 2014)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (28 Feb-01 Mar 2014)
- Instructor ACLS- Advanced Cardiac Life support course, College of Physicians and Surgeons of Pakistan (CPSP) (5 April-6 April 2019)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (18 June 2019)
- Instructor ACLS- Advanced Cardiac Life support course, College of Physicians and Surgeons of Pakistan (CPSP) (12 July-13 July 2019)
- Instructor BLS - Basic life support course, College of Physicians and Surgeons of Pakistan (CPSP) (03 Sep 2019)
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Exams Conducted

- FCPS Clinical Haematology, CPSP Karachi (February 2019).
- FCPS Clinical Haematology, CPSP Karachi (December 2019).
- FCPS Clinical Haematology, CPSP Karachi (February 2020).
- FCPS Clinical Haematology, CPSP Karachi (February 2021).
- FCPS Clinical Haematology, CPSP Karachi (December 2021).
- FCPS Clinical Haematology, CPSP Karachi (February 2022).
- FCPS Clinical Haematology, CPSP Karachi (June 2023).

Awareness Campaigns for Thalassaemia prevention and Haemophilia awareness:

- Thalassaemia prevention lecture at Rawalpindi Medical University, Rawalpindi 30th May 2022
- Thalassaemia prevention lecture at Children Hospital, Faisalabad 21st January 2023
- Thalassaemia prevention lecture at Hilal e Ahmar Hospital, Faisalabad 21st January 2023
- Thalassaemia prevention lecture at Combined Military Hospital, Muzaffarabad, Azad Kashmir 11th February 2023

International Awards:

- **Visitors Training Program (VTP) 2016**
Awarded by American society of Haematology (ASH) for 3 months at MD Anderson Cancer Center, Houston Texas, USA
- **International CML Foundation Scholarship (iCMLf) 2018**
Awarded by iCMLf for four weeks at MD Anderson Cancer Center, Houston Texas, USA