



# 8<sup>th</sup> WBMT

WORKSHOP & SYMPOSIUM  
September 22 - 24, 2022 | Hybrid



**WORLDWIDE NETWORK FOR BLOOD AND MARROW TRANSPLANTATION**  
NGO in Official relations with the World Health Organization (WHO)

## WORKSHOP PROGRAM



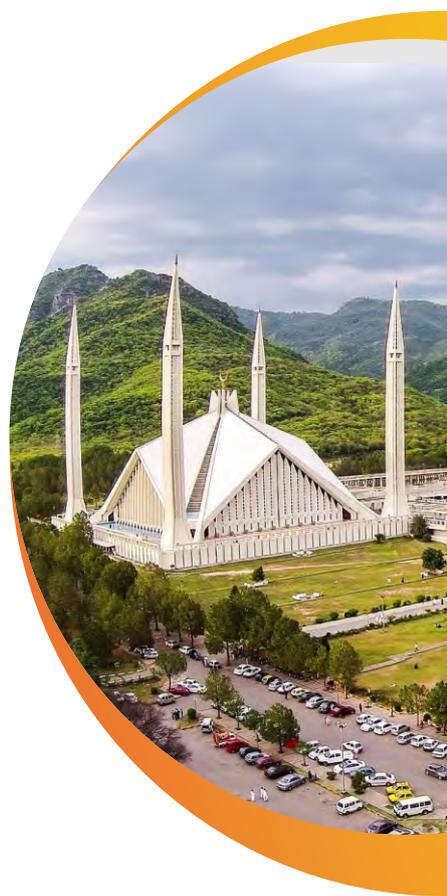
### DATE

**WORKSHOP**  
September 22 - 23, 2022

### VENUE

**Pearl Continental Hotel**  
Rawalpindi - Pakistan

[www.WBMT2022Pakistan.com](http://www.WBMT2022Pakistan.com)





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## Welcome Note

On behalf of the organizing committee, we welcome you all to the 8th Worldwide Network for Blood and Marrow Transplantation (WBMT) Workshop in Islamabad, Pakistan. This represents a historical event involving global experts, who are known for their efforts to improve health care access and treatment throughout the World. This workshop is a continuation of events pioneered by WBMT, aiming at helping countries with restricted transplant resources and activity.

The WBMT is incorporated as a non-profit organization for educational, scientific and philanthropic purposes under the laws of Switzerland and is located in Bern. The WBMT promotes excellence in stem cell transplantation (SCT), stem cell donation, cellular therapy (CT) and accreditation as well as access to SCT worldwide through collaboration of existing international societies using coordination, communication and advocacy. The purpose of this cooperation is to engage exclusively in charitable, scientific, and educational activities and endeavors including specifically, but not limited to, promoting and fostering among the many scientific and clinical disciplines, the exchange and diffusion of information and ideas relating to SCT and CT and encouraging investigations on these matters. The focus of the Network is to advance the field of SCT and CT in collaboration with its member societies. The WBMT is providing an excellent platform where different specialists are working together offering their decades of experience and expertise to develop and improve transplant activities in resource restricted countries.

This Workshop will include delegates from Eastern Mediterranean region, North America, South America, Asia Pacific, Europe and Africa who will all be involved in discussion and guidance on establishing transplantation program, donor selection, coordination among transplant societies and centres, transfusion support, accreditation system, cell processing and quality assurance. Regional experts will be presenting transplant activities and local health authorities will be engaged to sensitize them about importance of SCT as a curative therapy for a variety of malignant and non-malignant disorders. The local organization of this event is done by Armed Forces Bone Marrow Transplant Centre / National Institute of Blood and Marrow Transplant (AFBMTC/NIBMT), located in Rawalpindi, Pakistan. Established in 2001, AFBMTC/NIBMT is the only dedicated transplant centre of the country with capability of performing more than 150 allogeneic transplants/year. AFBMTC/NIBMT is also the only centre of Pakistan to have a cellular therapy programme and an in house mesenchymal stem cell culture facility since 2015.

We are delighted to welcome our friends and participants from all over the world to this prestigious event. We hope that this event will increase knowledge, skill, networking with new friends and colleagues and last but not the least, to enjoy the Pakistani culture and hospitality.

**Prof. Dr. H. Greinix**  
WBMT President

**Prof. Dr. Q. Chaudhry**  
President of the local Organizing Committee

# Workshop Program

DAY 1 - SEPTEMBER 22, 2022



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Session-I	Inaugural Session / Plenary Session	Thursday, September 22, 2022
<b>Session Time</b>	<b>0800-1200 hrs (PST/GMT+5)</b>	
	<b>Chairs</b>	
	<b>Qamar Un Nisa Chaudhry</b> President of meeting & Director AFBMTC/NIBMT, Pakistan	
	<b>Hildegard Greinix</b> President WBMT, Austria	
	<b>WHO Representative in Pakistan</b>	
	<b>Moderator</b>	
	<b>Raheel Iftikhar</b> Secretary of the Meeting, Pakistan	
<b>0800-0815 hrs</b>	<b>Guests to be seated</b>	
<b>0815-0820 hrs</b>	<b>Arrival of Chief Guest   Lt Gen Nigar Johar, HI(M), Surg Gen / DGMS (IS) of Pakistan Army</b>	
<b>0820-0825 hrs</b>	<b>Recitation of Holy Quran</b>	
<b>0825-0830 hrs</b>	<b>National Anthem</b>	
<b>0830-0850 hrs</b>	<b>Inaugural Talks</b>	
	<b>Qamar Un Nisa Chaudhry</b> President of meeting & Director AFBMTC/NIBMT, Pakistan	
	<b>Hildegard Greinix</b> President WBMT, Austria	
	<b>Shinichiro Okamoto</b> President APBMT, Japan	
	<b>Naeem A. Chaudhri</b> President EMBMT, Saudi Arabia	
<b>0850-0910 hrs</b>	<b>WHO – Global Perspective of HSCT</b> <b>Efstratios Chatzixiros</b> , WHO Adviser, Switzerland	
<b>0910-0930 hrs</b>	<b>Pakistan's health care system with focus on therapy of Aplastic Anemia</b> <b>Parvez Ahmed</b> , President PBMT, Pakistan	
<b>0930-0940 hrs</b>	<b>Address by the Chief Guest</b>	
<b>0940-0950 hrs</b>	<b>Souvenirs Distribution</b>	
<b>0950-1000 hrs</b>	<b>Group Photograph with the Chief Guest</b>	
<b>1000-1020 hrs</b>	<b>Coffee Break</b>	
<b>1020-1150 hrs</b>	<b>Regional Transplantation Activities</b>	
	<b>Qamar Un Nisa Chaudhry   Pakistan</b> <b>Murtadha Al-khabori   Oman</b> <b>Amir Ali Hamidieh   Iran</b> <b>Javid Gaziev   Qatar</b>	<b>Marwan Shaheen   Saudi Arabia</b> <b>Mohiuddin Khan   Bangladesh</b> <b>Bishesh Poudyal   Nepal</b> <b>Shahrukh Hashmi   UAE</b>
<b>1150-1200 hrs</b>	<b>Explanation of Program Agenda</b> <b>Sebastian Galeano</b> , Uruguay	
<b>1200-1300 hrs</b>	<b>Lunch Break</b>	



Session-II		Minimum Essential Requirements for Establishing or Expanding a Transplant Program in Emerging Countries	Thursday, September 22, 2022
Session Time	1300-1415 hrs (PST/GMT+5)		
	Chairs		
	Dietger Niederwieser, Germany	Qamar Un Nisa Chaudhry, Pakistan	
1300-1315 hrs	Introducing a transplant program in resource challenged countries: Critical issues from infrastructure and costs to infection control Parvez Ahmed, Pakistan		
1315-1330 hrs	Reducing HSCT costs without compromising outcomes Cristobal Frutos, Paraguay		
1330-1345 hrs	Establishing a sustainable transplant program Dietger Niederwieser, Germany		
1345-1415 hrs	Roundtable Discussion: Minimum requirements of an effective HSCT program Mahmoud Aljurf, Saudi Arabia		
	Panelists		
	Amir Ali Hamidieh (Iran) Ayaz Mir (Pakistan) Cristobal Frutos (Paraguay) Dietger Niederwieser (Germany) Hildegard Greinix (Austria) Munira Borhany (Pakistan)		
1415-1430 hrs	Coffee Break		
Session-III		Getting Started with the Transplant Program and Indications for HSCT	
Session Time	1430-1545 hrs (PST/GMT+5)		
	Chairs		
	Yoshiko Atsuta, Japan	Salman Naseem Adil, Pakistan	
1430-1445 hrs	Malignant vs Benign Hematologic Diseases: Where to start? Adriana Seber, Brazil		
1445-1500 hrs	Indications for Adult and Pediatric HSCT Shahrukh Hashmi, UAE		
1500-1545 hrs	Roundtable Discussion: Limitations and Contraindications of HSCT Moderator: Daniel Weisdorf, USA		
	Panelists		
	Adriana Seber (Brazil) Bishesh Poudyal (Nepal) Javid Gaziev (Qatar) Nighat Shahbaz (Pakistan) Shahrukh Hashmi (UAE) Tariq Mahmood Satti (Pakistan) Yoshiko Atsuta (Japan)		

# Workshop Program

DAY 2 - SEPTEMBER 23, 2022



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Session-IV Training and Dissemination of Knowledge		Friday, September 23, 2022
Session Time	Chair(s)	
0830-1015 hrs	Sebastian Galeano, Uruguay	Shahzad Nasir, Pakistan
0830-0845 hrs	<b>How to become a transplant physician, staff, nurse and technician</b> Daniel Weisdorf, USA	
0845-0900 hrs	<b>Training of HSCT nursing: AFBMTC experience</b> Mehreen Ali Khan, Pakistan	
0900-0920 hrs	<b>HSCT training and twinning with other institutes</b> Syed Kamran Mahmood, Pakistan   Cristobal Frutos, Paraguay	
0920-1015 hrs	<b>Roundtable Discussion: Establishing a curriculum for training in HSCT, tools for education: Internet, Telemedicine</b> Moderator: Mehreen Ali Khan, Pakistan	
	<b>Panelists</b>	Cristobal Frutos (Paraguay) Damiano Rondelli (USA) Daniel Weisdorf (USA) Dietger Niederwieser (Germany) Mohiuddin Khan (Bangladesh) Naeem Arshad Chaudhri (Saudi Arabia)
1015-1045 hrs	Coffee Break	
Session-V Donor Selection and Donor Safety		
Session Time	Chair(s)	
1045-1200 hrs	Yoshihisa Kodera, Japan	Syed Waqas Imam Bokhari, Pakistan
1045-1100 hrs	<b>Donor selection for HSCT: HLA typing and beyond</b> Medhat Askar, USA	
1100-1115 hrs	<b>Donor safety including minors as donors</b> Nina Worel, Austria	
1115-1200 hrs	<b>Roundtable Discussion: Donor selection and donor safety</b> Moderator: Feras Alfraih, Saudi Arabia	
	<b>Panelists</b>	Medhat Askar (USA) Murtadha Al-Khabori (Oman) Nina Worel (Austria) Salman Naseem Adil (Pakistan) Yoshihisa Kodera (Japan)
1200-1230 hrs	Lunch Break	
Session-VI Transfusion Services for HSCT Centers		Supported by  International Society of Blood Transfusion
Session Time	Chair(s)	
1230-1330 hrs	Nina Worel, Austria	Saba Jamal, Pakistan
1230-1245 hrs	<b>Access to safe and effective blood transfusions including blood component therapy</b> Nuzhat Mushahid, Pakistan	
1245-1300 hrs	<b>Guidelines for blood transfusion including guidelines for transfusion in HSCT</b> Natasha Ali, Pakistan	
1300-1330 hrs	<b>Roundtable Discussion: Which transfusion services do we need for HSCT?</b> Moderator: Ghassan Umair Shamshad, Pakistan	
	<b>Panelists</b>	Bishesh Poudyal (Nepal) Mickey Koh (UK, Singapore) Mohiuddin Khan (Bangladesh) Nina Worel (Austria) Syed Osman Ahmed (Saudi Arabia) Uzma Zaidi (Pakistan)
1330-1345 hrs	Break	



Session-VII		Cell Collection and Processing		Friday, September 23, 2022
Session Time	Chair(s)			
1345-1530 hrs	Medhat Askar, USA	Tariq Mahmood Satti, Pakistan		
1345-1400 hrs	<b>Minimal requirements for a cell processing lab</b> Mickey Koh, UK/Singapore			
1400-1415 hrs	<b>Stem cell processing: method and graft characterization or novel cellular therapies/ T-cell engineering</b> Syed Osman Ahmed, Saudi Arabia			
1415-1430 hrs	<b>Apheresis, techniques, indications and complications</b> Joseph Schwartz, USA			
1430-1445 hrs	<b>Cryopreserved versus freshly collected stem cells: Which and Why</b> Walid Rasheed, Saudi Arabia			
1445-1530 hrs	<b>Roundtable Discussion: How to successfully establish a cell processing facility</b> Moderator: Amal Alseraihy, Saudi Arabia			
	<b>Panelists</b>	Adriana Seber (Brazil) Javed Gaziev (Qatar) Nina Worel (Austria) Qamar-un-Nisa Chaudhry (Pakistan) Walid Rasheed (Saudi Arabia)		
1530-1545 hrs	Coffee Break			
Session-VIII		Quality Assurance in HSCT Centers		
Session Time	Chair(s)			
1545-1645 hrs	Adriana Seber, Brazil	Tariq Mahmood Satti, Pakistan		
1545-1600 hrs	<b>Overview and principles of quality systems in HSCT centers</b> Amal Alseraihy, Saudi Arabia			
1600-1615 hrs	<b>How to get an HSCT program accredited?</b> Shinichiro Okamoto, Japan			
1615-1630 hrs	<b>Where do we first start? From following standards to successfully obtaining accreditation</b> Andrea Kondo, Brazil			
1630-1645 hrs	<b>Panel Discussion</b>	Amal Alseraihy, Saudi Arabia Andrea Kondo, Brazil Shinichiro Okamoto, Japan		
Session-IX		Patient/Donor Registration and Outcome Database		
Session Time	Chair(s)			
1700-1755 hrs	Yoshiko Atsuta, Japan	Feras Alfraih, Saudi Arabia	M. Ayaz Mir, Pakistan	
1700-1710 hrs	<b>The value of a transplant activity survey</b> Helen Baldomero, Switzerland			
1710-1725 hrs	<b>The value of outcome databases</b> Dietger Niederwieser, Germany			
1725-1740 hrs	<b>The APBMT Registry</b> Minako lida, Japan			
1740-1755 hrs	<b>Roundtable Discussion</b> Moderator: Syed Kamran Mahmood, Pakistan			
	<b>Panelists</b>	Adriana Seber (Brazil) Dietger Niederwieser (Germany) Feras Alfraih (Saudi Arabia) Helen Baldomero (Switzerland) Hildegard Greinix (Austria) Minako lida (Japan) Syed Kamran Mahmood (Pakistan)		
1755-1805 hrs	Closing Remarks		Parvez Ahmed (Pakistan)	