



MINISTRY
OF HEALTH



9th WBMT CONGRESS

An international scientific convention in partnership with the World Health Organization (WHO)
and collaboration with The First Central Hospital of Mongolia and the Ministry of Health, Government of Mongolia



26-27 June 2025 – Workshop • Holiday Inn Ulaanbaatar
28 June 2025 - Nurses Workshop • Holiday Inn Ulaanbaatar

Ulaanbaatar, Mongolia | Hybrid

<https://wbmt2025mongolia.com>

Welcome Note

The Worldwide Network for Blood and Marrow Transplantation (WBMT) is incorporated as a non-profit organization for educational, scientific and philanthropic purposes under the laws of Switzerland and a non-Governmental Organization in official working relations with the World Health Organization (WHO). The Network promotes excellence in Hematopoietic cell transplantation (HCT), stem cell donation, cellular therapy (CT) and accreditation as well as access to HCT 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 HCT and CT. The focus of the WBMT is to advance the field of HCT and CT in collaboration with its member societies by 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.

The tools used to obtain this mission are biennial surveys, recommendations and workshops. This 9th Workshop in Mongolia will include delegates from North America, Latin-America, Asia Pacific, Eastern Mediterranean/Africa and Europe who will all be involved in discussion and guidance on establishing transplantation programs, donor selection, coordination among transplant societies and centers, 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 the importance of HCT as a curative therapy for a variety of malignant and non-malignant disorders. The local organization of this event is headed by Prof. Dr. Khishigjaral Batsukh of Mongolia and involves many neighboring countries in the Asia-Pacific, European and East-Mediterranean Region.

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 Mongolian culture and hospitality. On behalf of the organizing committee, we welcome you all to the 9th WBMT/**WHO** Workshop in Ulaanbaatar. This represents a historical event involving global experts, who are known for their efforts to improve health care access and treatment throughout the World.



Damiano Rondelli, MD
WBMT President

Welcome Address

from the President of the Local Organizing Committee

We are pleased to welcome you to the 9th WBMT WORKSHOP, which takes place on June 26 -28, 2025, in the esteemed locale of Ulaanbaatar, Mongolia.

The local organization of this event is done by the First Central Hospital of Mongolia, established in 1925. In 2010, we embarked on an ambitious journey to establish a Bone Marrow Transplantation (BMT) program. This program saw its first milestone in 2014 with the successful completion of our first autologous transplant and we achieved another milestone in 2022 with our first allogeneic transplant.

Recognizing the importance of advancing our BMT services, we are now aiming to take the next step in our development. Our goal is to enhance our capacities and extend our services to include pediatric bone marrow transplantation. This initiative is a testament to our commitment to providing comprehensive and inclusive care for all age groups.

The workshop endeavors to serve as a distinguished forum, facilitating attendees in acquainting themselves with refined and efficacious methodologies and approaches in hematopoietic stem cell transplantation. With great assurance, we anticipate that this gathering will provide a comprehensive platform for the acquisition of fresh insights, the honing of skills, and the collaborative resolution of pertinent challenges within the discipline.

The 9th WBMT WORKSHOP is poised to be an instructive, and unforgettable occasion, uniting leading authorities to exchange their wealth of experiences and perspectives. We extend a heartfelt invitation to all esteemed professionals engaged in the realm of hematopoietic stem cell transplantation to converge in Ulaanbaatar, the distinguished capital of Mongolia, for this stimulating workshop.

We cordially extend this invitation to join us at the 9th WBMT WORKSHOP, eagerly anticipating an enriching and productive interchange of ideas.



Prof. Dr. Khishigjargal Batsukh

General Director

The First Central Hospital of Mongolia

About the Congress

What is the purpose of the congress?

It is our goal to guide for physicians to optimize their current stem cell transplantation activities and to create awareness among policy makers about the value of stem cell transplantation, so that these activities might be expanded as part of national health plan and strengthened by ongoing effective oversight and support from health authorities. The overall objective is to assist Mongolia and other countries by building capacity, increasing access to life-saving therapies, and improving the quality of care.

Who is attending the congress?

The Congress of the WBMT is addressed to clinicians and representatives of health authorities from Mongolia, as well as other neighboring countries that may have restricted sources and low transplant participants regarding minimum essential requirements for establishing or expanding HSCT in emerging countries, indications for HSCT, training and dissemination of knowledge, stem cell donor selection and donor safety, quality assurance in transplant centers and the importance of transplant outcome databases.

Who is WBMT?

The WBMT is a non-profit organization of twenty-one international societies involved in hematopoietic stem cell transplantation (HSCT) around the world, with a primary mission of establishing broad standards and assisting countries with limited resources in planning, development, and performance of this activity.

The purpose of this cooperation is to engage exclusively in charitable, scientific, and educational activities and endeavors by promoting and fostering the exchange and diffusion of information and ideas relating to HCT and CT and encouraging investigations on these matters. The focus of the Network is to collaboratively advance the field of HCT and CT while not pre-empting the activities of its member societies.

DAY ONE - WORKSHOP PROGRAM. Thursday, 26 June 2025

Time	Proposed Topics from Mongolia	Chairs/Speakers /Moderators/Panelists
	Opening	<i>Chairpersons:</i>
8:30 AM - 9:20 AM	Ministry of Health	
	Congress President	Khishigjaral Batsukh
	WBMT President	Damiano Rondelli
	APBMT President	Alok Srivastava virtual
	WHO representative	
Session I	Global view and regional activities	<i>Chairpersons:</i> Damiano Rondelli (USA) Alok Srivastava (India) Khishigjargal Batsukh (Mongolia)
9:20 AM - 9:50 AM	WHO – Global Perspective on HSCT	Efstratios Chatzixiros (Switzerland)
9:50 AM - 10:05 AM	Mongolian's health care system including HSCT	Khishigjaral Batsukh (Mongolia)
10:05 AM – 10:20 AM	Coffee Break	
10:20 AM – 11:50 AM (90 min)	Regional Transplantation Activities	<ol style="list-style-type: none"> Mohiuddin Khan Bangladesh Huang Xiao-Jun China Takanori Teshima Japan Kolesnev Alexandr (adu) Kazakhstan Yergali Sarsekbayev (ped) Jong Wook Lee South Korea Gin Gin Gan Malaysia Aye Aye Gyi Myanmar Bishesh Poudyal Nepal Ahmed Parvez Pakistan Ivan Moiseev Russia Vishaka Panditha Gunawardena Somaratne Sri Lanka Suradej Hongeng Thailand Abdurakhmon Kayumov Uzbekistan Bach Quoc Khanh Vietnam Bor-Sheng Ko Taiwan Navin Khattri India
11:50 AM - 12:05 PM	Explanation of the program	Sebastian Galeano (Uruguay)
12:05 PM - 1:00 PM	Lunch Break	

Session II	Essential requirements for establishing a HCT Program	<i>Chairpersons:</i> Mickey Koh (UK) Oyundelger Norov (Mongolia)
1:00 PM - 1:15 PM	Establishing a sustainable transplant program	Daniel Weisdorf (USA)
1:15 PM - 1:30 PM	How I started	Bishesh Poudyal (Nepal)
1:30 PM - 2:30 PM	Roundtable discussion: What is essential, what is preferred and what is optimal?	<i>Moderator:</i> Dietger Niederwieser (Germany) virtual <i>Panelists:</i> Adriana Seber (Brazil) Damiano Rondelli (USA) Laurent Garderet (France) Sebastian Galeano (Uruguay) Yoshihisa Kodera (Japan) Xiao-Jun Huang (China) Jong Wook Lee (South Korea) Eugenia Trigos (Spain)
Session III	Getting Started with the Transplant Program and Indications for HCT	<i>Chairpersons:</i> Daniel Weisdorf (USA) Saruul Tungalag (Mongolia)
2:30 PM - 2:45 PM	Malignant vs Benign Hematologic Diseases: Where to start?	Adriana Seber (Brazil)
2:45 PM - 3:00 PM	Indication for adult-and pediatric HCT	Carmem Bonfim (Brazil)
3:00 PM – 3:45 PM	Roundtable Discussion: Limitations and Contraindications of HCT	<i>Moderator:</i> Adriana Seber (Brazil) <i>Panelists:</i> Adriana Seber (Brazil) Bishesh Poudyal (Nepal) Mohiuddin Khan (Bangladesh) Ahmed Parvez (Pakistan) Shahrukh Hashmi (UAE) Yoshiko Atsuta (Japan) Xiao-Jun Huang (China) Jong Wook Lee (South Korea)
3:45 PM - 4:00 PM	Coffee Break	
Session IV	Training and Dissemination of Knowledge	<i>Chairpersons:</i> Adriana Seber (Brazil) Tsetsegsaikhan Batmunkh (Mongolia)
4:00 PM - 4:15 PM	How to become a transplant physician, staff nurse and technician	Daniel Weisdorf (USA)
4:15 PM - 4:30 PM	Training of HCT nursing: EMBMT/KFSH&RC experience on HCT training and twinning with other institutes	Reggie Belkhedim (France)
4:30 PM - 5:45 PM	Roundtable Discussion: Establishing a curriculum for training in HCT (tools for education, Internet, telemedicine)	<i>Moderators:</i> Daniel Weisdorf (USA) / Cristobal Frutos (Paraguay) <i>Panelists:</i> Cristobal Frutos (Paraguay) Damiano Rondelli (USA) Ahmed Parvez (Pakistan) Mohiuddin Khan (Bangladesh) Abdulwahab Albabtain (Saudi Arabia)

DAY TWO - WORKSHOP PROGRAM. Friday, 27 June 2025

Time	Proposed Topics from Mongolia	Chairs/Speakers /Moderators/Panelists
Session V	Donor Selection and Donor Safety	<i>Chairpersons:</i> Nina Worel (Austria) Otgonbat Altangerel (Mongolia)
8:30 AM - 8:45 AM	Donor selection for HCT	Damiano Rondelli (USA)
8:45 AM - 9:00 AM	Transplantation from >2 HLA-mismatches (haploidentical) donors: current results	Sebastian Galeano (Uruguay)
9:00 AM - 9:15 AM	How to start unrelated donor registry and cord blood bank	Yoshihisa Kodera (Japan)
9:00 AM - 9:45 AM	Roundtable Discussion: Donor selection and donor safety	<i>Moderator:</i> Nina Worel (Austria) <i>Panelists:</i> Yoshihisa Kodera (Japan) Bor-Sheng Ko (Taiwan)
9:45 AM - 10:00 AM	Coffee Break	
Session VI	WBMT – ISBT: Transfusion services for HSCT centers	<i>Chairpersons:</i> Nina Worel (Austria) Enkhchimeg Lkhagva (Mongolia)
10:00 AM - 10:15 AM	Mongolian transfusion reports Access to safe and effective blood transfusions including blood component therapy	Enkhchimeg Lkhagva (Mongolia)
10:15 AM - 10:30 AM	Guidelines for blood transfusion including guidelines for transfusion in HSCT	Nina Worel (Austria)
10:30 AM - 11:30 AM	Roundtable Discussion: Blood product screening and alloantibodies in HSCT	<i>Moderator:</i> Mickey Koh (UK) <i>Panelists:</i> Bishesh Poudyal (Nepal) Mohiuddin Khan (Bangladesh) Myadagsuren Sukhbaatar (Mongolia) Nina Worel (Austria) Hind Alhumidan (Saudi Arabia)
11:30 AM - 12:45 AM	Lunch Break	
Session VII	Cell Collection and Processing	<i>Chairpersons:</i> Cristobal Frutos (Paraguay) Narangerel Jigjikhhorloo (Mongolia)
12:45 PM - 1:00 PM	Minimal requirements for a cell processing lab	Mickey Koh (UK)
1:00 PM - 1:15 PM	Stem cell processing: method and graft characterization or novel cellular therapies/ T-cell engineering	Hind Alhumidan (Saudi Arabia)
1:15 PM - 1:30 PM	Apheresis, techniques, indications, and complications	Nina Worel (Austria)
1:30 PM - 2:00 PM	Controlled freezing versus cryopreserved (-80C) versus freshly collected stem cells: Which and Why?	Laurent Garderet (France) Shigeyoshi Makino (Japan)
2:00 PM - 2:30 PM	Roundtable Discussion: How to successfully establish a cell processing facility	<i>Moderator:</i> Mickey Koh (UK) <i>Panelists:</i> Adriana Seber (Brazil) Nina Worel (Austria) Ahmed Parvez (Pakistan) Hind Alhumidan (Saudi Arabia)

Session VIII	Quality Assurance in HCT Centers	<i>Chairpersons:</i> Adriana Seber (Brazil) Odkhuu Enkhtaivan (Mongolia)
2:30 PM - 2:45 PM	Overview and principles of quality systems in HCT centers	Tuula Rintala (Spain) virtual
2:45 PM - 3:00 PM	How to get an HSCT program in Low-Middle Income Countries accredited	Santosh K Devadas (India)
3:00 PM - 3:45 PM	Panel Discussion: Where do we first start? From following standards to successfully obtaining accreditation.	<i>Moderator:</i> Damiano Rondelli (US)
		<i>Panelists:</i> Amal Alseraihy (Saudi Arabia) Daniel Weisdorf (USA) Adriana Seber (Brazil) Eugenia Trigoso (Spain)
3:45 PM - 4:00 PM	Coffee Break	
Session IX	Patient/Donor Registration and Outcome Database	<i>Chairpersons:</i> Yoshiko Atsuta (Japan) Bulgan Davaasambuu (Mongolia)
4:00 PM - 4:15 PM	The value of a transplant activity survey WBMT/GTR	Helen Baldomero (Switzerland)
4:15 PM - 4:30 PM	The value of outcome databases	Marcelo Pasquini (USA)
4:30 PM - 4:45 PM	APBMT Registry	Minako Iida (Japan)
4:45 PM - 5:10 PM	Discussion:	<i>Moderator:</i> Marcelo Pasquini (USA)
		<i>Panelists:</i> Adriana Seber (Brazil) Helen Baldomero (Switzerland) Minako Iida (Japan) Abdulwahab Albabtain (Saudi Arabia)
Session X	Complications of HCT and laboratory infrastructure	<i>Chairpersons:</i> Damiano Rondelli (USA) Sarantsetseg Jigjidsuren (Mongolia)
5:10 PM - 5:25 PM	Infections: the role of microbiology and virology lab	Sarantsetseg Jigjidsuren (Mongolia)
5:25 PM - 5:40 PM	Rejection and relapse from a laboratory standpoint: (cytology, cytogenetics, flow, molecular, chimerism, MRD)	Torsten Haferlach (Germany) virtual
5:40 PM - 6:10 PM	Discussion:	<i>Moderator:</i> Dietger Niederwieser (Germany) virtual
		<i>Panelists:</i> Bishesh Poudyal (Nepal) Nina Worel (Austria) Sebastian Galeano (Uruguay)
Session XI	Emergencies Nuclear accident	
6:10 PM - 6:45 PM	What do we need to know?	Shahrukh Hashmi (UAE)
	Closing remarks	
6:45 PM - 7:00 PM	Short summary	Damiano Rondelli (USA)