in collaboration with the





# 2ND WORKSHOP OF THE WBMT

Salvador -Bahia, Brazi



# **DEAR FRIENDS**,

We warmly welcome you to the second Workshop of the Worldwide Network for Blood and Marrow Transplantation (WBMT) in cooperation with the World Health Organization (WHO) in Salvador, Brazil. This is a memorable occasion, which represents a big effort of many individuals and societies around the world to continue a series of events aiming at helping countries with restricted resources and transplantation activity. It is certainly unique that many societies active in the field of Haematopoietic stem cell transplantation (HSCT) around the world collaborate under the umbrella of the WBMT to offer their decades of experiences to improve and build up programs for a curative treatment for many haematological and non-haematological diseases. In line with the guiding principles of the WHO, we will discuss with delegates of Latin American countries, but also with delegates from North America, Asian Pacific, Europe and Africa important points on how to optimize or establish a stem cell transplantation program, on current indications for HSCT, donor selection, graft processing, developing an outcome database and the need for a global accreditation system. Since HSCT is a very costly procedure, it is essential to discuss these items under the aspects of restricted resources representing a challenge for presenter and audience.

The Workshop will be unique also from another standpoint. The guiding principles of the WHO declare regulation of transplantation on a national level as a governmental responsibility. One of the goals of this Workshop is to encourage the integration of HSCT within the Healthcare Policy of developing countries. This cannot be done without the active participation of politicians, national authorities and regulatory bodies who responded with enthusiasm and will participate actively during this event.

With this Workshop, the WBMT and the 21 member societies are making a further step towards excellence in stem cell transplantation around the world. The 2006 global survey published in JAMA, the first meeting in Hanoi, Vietnam and the global survey recently published in Haematologica as well as the foundation of the African Society for Blood and Marrow Transplantation (AFBMT) were the first steps towards this aim. Future projects include the creation of a global transplant center number and a donor outcome registry, just to mention a few. All these and many more activities are essential for the mission of the WBMT and will require efforts from all of us and the participation of many colleagues and experts around the world.

Let me express my admiration and gratefulness to all people involved in this Workshop starting with Prof. Luis Bouzas, Adriana Seber, German Espino and Marco Salvino and all the people of the Latin American Blood and Marrow Transplant (LABMT) group. My thanks also to all the WBMT Standing Committee Chairs, the Executive Organizing and Program Planning Committees, and especially to Marcelo Pasquini, who in many long lasting telephone conferences were able to create an outstanding program. Luc Noël and Jose R. Nuñez from the WHO were essential for promoting this event. I also appreciate administrative support provided by Paula Watry of the CIBMTR. Without the participation of the WMDA, EBMT, CIBMTR, APBMT, EMBMT and LABMT, this Workshop would not be possible. I am personally impressed by the enthusiasm and the willingness of many people to pursue in this effort and wish you all the best for this Workshop.

Sincerely

Wille both

Dietger Niederwieser for the Executive Committee of the WBMT

Non-Government Organization (NGO) in official relations with the World Health Organization

# DEAR PARTICIPANTS TO THE WBMT WORKSHOP,

Since 2004 when the World Health Organization (WHO) was requested by Members States for technical support on the transplantation of cells, tissues and organs and to promote international cooperation so as to increase the access of citizens to these therapeutic procedures, much progress has been achieved. The Worldwide Network for Blood and Marrow Transplantation (WBMT) led the process of developing harmonized practices in haematopoietic stem cell transplantation (HSCT) and is the leading voice among the stem cell transplantation community.

The vital cooperation of many scientists and physicians around the world has dramatically improved outcomes for patients who undergo HSCT and the WBMT, promoting excellence in stem cell transplantation, stem cell donation and cellular therapy, made it possible to achieve the 1 millionth transplants last December 2012.

These achievements and the way things have been done would be a model for development of the 2013 WHO Global Initiative for Medical Products of Human Origin (MPHO), with a strategy of three main components: compliance with WHO guiding principles, a globally consistent coding system, and vigilance and surveillance under the oversight of national competent authorities.

This Workshop in collaboration with WHO would show the importance of getting health authorities and professionals together, with experts and innovative thinkers coming from all fields, invited to elaborate on how to improve access to HSCT in a rational manner, taking advantage of the wealth of global experience and of the most recent progress. Global harmonization and consistency of practices to ensure the best possible results is not only mandated for HSCT but for all medical products of human origin and their clinical application. HSCT is a model in this respect with the global exchanges necessary to find matching donors. There is a responsibility for this Workshop to serve as a demonstration of the search for excellence that is essential for medical products of human origin and also as a demonstration of the search for efficacy in integration in the health system and universal health coverage.

Let me thank Professors Niederwieser and Kodera for their great effort to build this network, and for consolidating and reinforcing it every day, and also to thank all of those who have made this meeting possible. Also I would like to express my gratitude to Brazilian Government for its support and hospitality in hosting this Workshop and to the city of Salvador de Bahia for providing us with the perfect setting for this initiative that represents a commitment to society.

Jose R. Nuñez MD, PhD

Medical Officer Transplantation World Health Organization-HQ

Avenue Appia 20, CH-1211 Geneva 27

Switzerland

# DISTINGUISHED DELEGATES AND GUESTS,

It is a great pleasure to welcome you all here to Salvador for the 2nd Global Workshop on Haematopoietic Stem Cells Transplantation in Emerging Countries.

We would like to genuinely thank the Worldwide Network for Blood & Marrow Transplantation (WBMT) and the World Health Organization (WHO) for mentoring this important and fascinating Workshop.

This Workshop aims to provide the opportunity to discuss the clinical, political and administrative needs to promote the development of stem cell transplantation activities in emerging areas and countries with limited resources. In Hanoi, it was shown that this is possible through the incentive and collaboration of all countries and organizations involved.

In addition to the stimulating intellectual and professional discussions and talks promoted by the experts, delegates will have the chance to experience Salvador, which was chosen to host this Workshop because of its strategic location, economic importance in the Northern areas of Brazil, and its need of a robust transplant program. Salvador is also close to the PanAmazonic and other Latin America countries, and shares with them many social and economic issues. We trust that the result of this Workshop will be very useful to all participants.

We are greatly honored and privileged to have you all here and wish you a successful Workshop and a pleasant stay in Salvador.

Luis Bouzas
Interim President/LABMT

Adriana Seber Interim Secretary/LABMT

aduina Silve

German Espino Co-Host/Panama Marco Salvino Co-Host Brazil

### **OVERALL PROGRAM GOALS:**

- 1. Create awareness among government policy-makers about the value of Haematopoietic Stem Cell Transplantation (HSCT) in developing healthcare systems
- 2. Encourage the integration of HSCT within the Healthcare Policy of developing countries
- 3. Establish the basic ethical, medical and infrastructure requirements for providing HSCT within a developing healthcare system
- 4. Create a model for achieving goals 1 3 that can be replicated throughout the WHO regions of the world
- 5. Optimize existing transplant programs

### **LOCAL ORGANIZING COMMITTEE:**

Bouzas, L.; Seber, A.; Espino, G.; Salvino, M.

### WBMT PROGRAM PLANING COMMITTEE:

Loper, K.; Koh, M.; Taylor, C.; Halter, J; Isoyama, K.; Rocha, V.; Gluckmann E.; Jasmin, D.; Rizzo, D.; Apperley, J.; Pasquini M.; Niederwieser, D.; Kodera, Y.; Greinix, H.; Confer, D.; Baldomero, H.; Weisdorf, D.; Noël, L.; Watry, P. (Secretary)

### **WBMT STANDING COMMITTEE:**

Committee for Transplant Center/Recipient Issues (Rizzo, J.D.; Apperley. J.; Pasquini, M.)

Committee for Education and Dissemination (Gluckman, E; Jasmin, D.)

Committee for Graft Processing Issues (Koh, M.; Taylor, C; Teshima, T.)

Committee for Donor Issues (Halter J.; Rocha, V; Isoyama, K.)

Committee on Registration and Accreditation (managed by ACHCTA; Loper, L.)

Salvador - Bahia, Brazil Page 5

### THURSDAY - 3RD OCTOBER 2013

#### 08:30 - 11:30 PLENARY SESSION

#### **CHAIRS:**

Dietger Niederwieser (Germany) Yoshihisa Kodera (Japan) Luis Bouzas (Brazil) German Espino (Panama) Marco Aurelio Salvino (Brazil) José Nunez (Switzerland)

#### **INAUGURAL PROGRAM**

Government representatives Health authorities Dietger Niederwieser (President WBMT) Luis Bouzas (interim President, LABMT)

# WORLD HEALTH ORGANIZATION (WHO) AND HAEMATOPOIETIC STEM CELL TRANSPLANTATION (HSCT)

José Nunez (Switzerland)

#### **GLOBAL PERSPECTIVES OF HSCT: PAST, PRESENT AND FUTURE**

Dietger Niederwieser (Germany)

#### **OVERVIEW OF HSCT IN LATIN AMERICA**

Carmem Bonfim (Brazil)

#### **REGIONAL TRANSPLANTATION ACTIVITIES**

William Oliveros Alvem (Ecuador) Willem Bujan (Costa Rica) Mario Luis Tejerina-Valle (Bolivia) Derlis Gonzales (Paraguay) Antonio Carrasco (Peru) Maria Jesus Benzo (Dominican Republic) Francisco Ramirez-Osio (Venezuela)

#### **EXPLANATION OF PROGRAM AGENDA**

Marcelo Pasquini (USA)

11:30 - 12:30 LUNCH

### THURSDAY - 3RD OCTOBER 2013 (CONTINUED)

#### 12:30 - 14:30 ESTABLISHING OR EXPANDING A TRANSPLANT PROGRAM

#### **CHAIRS:**

Adriana Seber (Brazil)
Jane Apperley (United Kingdom)

#### 12.30 WHAT DO WE NEED TO GET STARTED

Hildegard Greinix (Austria)

#### 12:45 STARTING A HSCT PROGRAM — A PERSPECTIVE FROM THE FRONT LINES

12.45 Guillermo Ruiz-Arguelles (Mexico)

12.55 Julia Palma (Chile)

13.05 Vergilio Colturato (Brazil)

#### 13.15 DISCUSSION: MINIMUM REQUIREMENTS OF AN EFFECTIVE HSCT PROGRAM

#### **MODERATOR:**

Adriana Seber (Brazil)

#### **PANELISTS:**

Juliana Martinez Rolon (Argentina) Milka Bengochea (Uruguay) Derlis Gonzalez (Paraguay) German Espino (Panama) Guillermo Ruiz-Arguelles (Mexico) Julia Palma (Chile) Vergilio Colturato (Brazil)

#### 13.35 COST OF A PROGRAM

Carmen Vergueiro (Brazil)

# 13.50 DISCUSSION: GAIN EXPERTISE WITH AUTOLOGOUS HSCT, OR BEGIN DOING ALLOGENEIC HSCT WHERE THE NEED MAY BE GREATEST?

#### **MODERATOR:**

Jane Apperley (United Kingdom)

#### **PANELISTS:**

Antonio Carrasco (Peru) Julia Palma (Chile) Amado Karduss-Arueta (Colombia) Wellington Azevedo (Brazil) Gustavo Kusminsky (Argentina) Alberto Olaya Vargas (Mexico)

14:30 — 15:00 BREAK

Salvador - Bahia, Brazil Page 7

### THURSDAY - 3RD OCTOBER 2013 (CONTINUED)

#### 15:00 - 17:00 PATIENT SELECTION

#### **CHAIRS:**

Daniel Weisdorf (USA) Gregorio Jaimovich (Argentina)

#### 15.00 CURRENT INDICATIONS FOR HSCT

Daniel Weisdorf (USA)

#### 15.20 HOW TO HANDLE TRIAGE FOR POTENTIAL TRANSPLANT RECIPIENTS?

German Espino (Panama)

#### 15.40 DISCUSSION: WHICH PATIENTS CAN BE BEST SERVED BY A PROGRAM?

#### **MODERATOR:**

Daniel Weisdorf (USA)

#### **PANELISTS:**

David Gomez-Almaguer (Mexico) Carmem Bonfim (Brazil) André Tichelli (Switzerland) Yoshihisa Kodera (Japan) Jane Apperley (United Kingdom)

#### 16.20 DISCUSSION: LIMITATIONS AND CONTRAINDICATIONS OF HSCT

#### **MODERATOR:**

Gregorio Jaimovich (Argentina)

#### **PANELISTS:**

Carmem Bonfim (Brazil)
Jane Apperley (United Kingdom)
Yoshihisa Kodera (Japan)

Alberto Olaya Vargas (Mexico) Belinda Simoes (Brazil) Antonio Carrasco (Peru)

### THURSDAY - 3RD OCTOBER 2013 (CONTINUED)

#### 17:00 - 18:10 TRAINING AND DISSEMINATION OF KNOWLEDGE

#### **CHAIRS:**

Vanderson Rocha (United Kingdom) Lucia Silla (Brazil)

# 17.00 HOW TO BECOME A TRANSPLANT PHYSICIAN, STAFF, NURSE AND TECHNICIAN

Lucia Silla (Brazil) Vanderson Rocha (United Kingdom)

# 17.15 EDUCATIONAL TOOLS: CONFERENCES, TRAINING COURSES, HAND BOOKS, E-LEARNING CURRICULUM, ON LINE TRAINING, FORUMS, CASE DISCUSSIONS

Vanderson Rocha (United Kingdom) Lucia Silla (Brazil)

#### 17.30 TRAINING IN LATIN AMERICA

Carmen Bonfim (Brazil) Vanderson Rocha (United Kingdom)

# 17.40 DISCUSSION: TRAINING IN LATIN AMERICA INCLUDING INTERACTION WITH HEALTH AUTHORITIES, LANGUAGE BARRIERS AND HOW TO STRUCTURE TRAINING PROGRAMS

#### **MODERATOR:**

Vanderson Rocha (United Kingdom)

#### **PANELISTS:**

Howard Scott (USA)

Daniel Weisdorf (USA)

Belinda Simoes (Brazil)

José Nunez (Switzerland)

Gregorio Jaimovich (Argentina) Lucia Silla (Brazil) Julia Palma (Chile) Ritsuro Suzuki (Japan)

### FRIDAY - 4TH OCTOBER 2013

#### 08:15 - 09:45 DONOR SAFETY AND DONOR FOLLOW UP

#### **CHAIRS:**

Jörg Halter (Switzerland) Luis Bouzas (Brazil) Dennis Confer (USA)

#### **08.15 DONOR SAFETY, SUITABILITY AND DONATION PROCESS**

Bronwen Shaw (United Kingdom)

#### **08.35 DONOR INFECTIONS**

Dietger Niederwieser (Germany)

#### 08.55 CHILDREN AS DONOR

Menachem Bitan (Israel)

#### 09.15 DONOR OUTCOME FOLLOW UP

Jörg Halter (Switzerland) Yoshihisa Kodera (Japan)

#### 09.25 DISCUSSION: DONOR SAFETY

#### **MODERATOR:**

Jörg Halter (Switzerland)

#### **PANELISTS:**

Bronwen Shaw (United Kingdom) Virgilio Colturato (Brazil) Menachem Bitan (Israel) Yoshihisha Kodera (Japan)

09:45 - 10.00 BREAK

Gregorio Jaimovich (Argentina) Dennis Confer (USA) Luis Bouzas (Brazil)

### FRIDAY - 4TH OCTOBER 2013 (CONTINUED)

#### 10:00 - 12:00 DONOR SELECTION

#### **CHAIRS:**

Jörg Halter (Switzerland) Guillermo Ruiz-Arguelles (Mexico) Vanderson Rocha (United Kingdom)

# 10.00 LEGISLATIVE AND ETHICAL FRAMEWORKS FOR HEMATOPOIETIC STEM CELL DONATION AND HSCT IN LATIN AMERICA

José Nunez (Switzerland)

# 10.30 GRAFT SOURCE AND ALGORITHM: AVAILABILITY OF DIFFERENT STEM CELL SOURCES IN LATIN AMERICA

Vanderson Rocha (United Kingdom) Julia Palma (Chile)

#### 11.00 DONOR REGISTRIES AND CORD BLOOD BANKS, PUBLIC AND PRIVATE

Dennis Confer (USA)

# 11.15 HETEROGENEITY OF HLA SYSTEM AND REPRESENTATION IN EXISTING REGISTRIES

Luis Bouzas (Brazil)

#### 11.30 DISCUSSION: DONOR SELECTION

#### **MODERATOR:**

Jörg Halter (Switzerland)

#### **PANELISTS:**

José Nunez (Switzerland) Vanderson Rocha (United Kingdom) Dennis Confer (USA) Luis Bouzas (Brazil)

12:00 - 13:00 LUNCH

### FRIDAY - 4TH OCTOBER 2013 (CONTINUED)

#### 13:00 - 14:15 CELL PROCESSING

#### **CHAIRS:**

Mickey Koh (Singapore/United Kingdom) Flavio Braga (Brazil)

# 13.00 SURVEY RESULTS OF GRAFT PROCESSING ACROSS SOUTH AMERICA — WHAT IS AVAILABLE

Adriana Seber (Brazil)

# 13.10 PRESENTATION AND DISCUSSION: MINIMAL REQUIREMENTS FOR SETTING UP A CELL PROCESSING FACILITY

Mickey Koh (Singapore/United Kingdom)

#### **MODERATOR:**

Mickey Koh (Singapore/United Kingdom)

#### **PANELISTS:**

Karen de Lima Trata (Brazil) Francesco Lanza (Italy) Flavio Braga (Brazil) Yoshihisa Kodera (Japan) Antonio Carrasco (Peru)

#### 13.45 STEM CELL PROCESSING: METHOD AND GRAFT CHARACTERIZATION

Francesco Lanza (Italy)

# 14.00 DISCUSSION: REGULATORY FRAMEWORK FOR CELLS AND TISSUES INCLUDING IMPORT AND EXPORT

#### **MODERATOR:**

Mickey Koh (Singapore/United Kingdom)

#### **PANELISTS:**

Dennis Confer (USA) Francesco Lanza (Italy) Flavio Braga (Brazil) Yoshihisa Kodera (Japan) Antonio Carrasco (Peru) Luis Bouzas (Brazil) Alejandro Madrigal (United Kingdom) Noemi Pereira (Brazil) Carolyn Taylor (USA)

### FRIDAY - 4TH OCTOBER 2013 (CONTINUED)

#### 14:15 - 15.45 CREATING A QUALITY SYSTEM THAT WORKS

#### **CHAIRS:**

Kathy Loper (USA) Karen de Lima Prata (Brazil)

#### 14.15 OVERVIEW AND PRINCIPLES OF QUALITY SYSTEM ESSENTIALS

Karen de Lima Prata (Brazil)

# 14.45 BRIDGING THE GAP: COMPETENT AUTHORITIES AND THEIR CRITICAL INTERFACE WITH THE HSCT PROFESSION

Dennis Confer (USA) Kathy Loper (USA) Gregorio Jaimovic (Argentina) Milka Bengochea (Uruguay)

**15:45 - 16:00** 

BREAK

#### 16:00 - 17.30 OUTCOME DATABASE

#### **CHAIRS:**

Ritsuro Suzuki (Japan) Dietger Niederwieser (Germany) Marcelo Pasquini (USA) Luis Bouzas (Brazil) Vanderson Rocha (United Kingdom)

#### 16.00 ACTIVITY SURVEY

Helen Baldomero (Switzerland)

#### 16.15 THE IMPORTANCE OF OUTCOMES DATABASES

Jane Apperley (United Kingdom)

#### 16.40 DISCUSSION: DEVELOPING THE LABMT REGISTRY

#### **MODERATOR:**

Marcelo Pasquini (USA)

#### **PANELISTS:**

Willem Bujan (Costa Rica) Helen Baldomero (Switzerland) Ritsuro Suzuki (Japan) Jane Apperley (United Kingdom) Vanderson Rocha (United Kingdom) Luis Bouzas (Brazil) Gustavo Kusminzky (Argentina)

#### 17:30 - 17.45 NUCLEAR ACCIDENT STANDING COMMITTEE

#### **ACTIVITY SURVEY**

Dennis Confer (USA)

#### 17:45 - 18.00 CONCLUSION REMARKS

Dennis Confer (USA

### **GENERAL INFORMATION**

#### DATE

3 – 4 October 2013

#### **VENUE**

Hotel Stella Maris Gran Hotel Stella Maris Resort & Convention – Sol Express Praça Stella Maris, 200 Stella Maris www.solexpress.com.br

#### **CONGRESS LANGUAGE**

English is the official language of the WBMT 2013 Workshop. No simultaneous translation will be provided.

#### **INSURANCE AND LIABILITY**

It is recommended that participants obtain adequate cover for travel, health and accident insurance before they depart from their countries. WBMT and MCI as organizers cannot accept responsibility for personal injuries, or loss of, or damage to, private property belonging to the congress participants and accompanying persons.

#### REGISTRATION AND HOTEL ACCOMMODATION SEE HOMEPAGE

www.wbmt.org

#### **CONTACT**

For any question related to the registration and/or hotel accommodation, please contact MCI.

Tel +41 22 33 99 599

Fax +41 22 33 99 631

E-mail: wbmt2013reg@mci-group.com

#### **OFFICE HOURS:**

Monday to Friday

9:00 to 18:00

CET - Central European Time

(our offices are open on regular business days with the exception of public holidays)

## **MEMBER SOCIETIES OF WBMT**

AMERICAN ASSOCIATION OF BLOOD BANKS (AABB) www.aabb.org

THE AUSTRALASIAN BONE MARROW TRANSPLANT RECIPIENT REGISTRY (ABMTRR) www.abmtrr.org

ASIA PACIFIC BLOOD AND MARROW TRANSPLANTATION GROUP (APBMT) www.apbmt.org

AMERICAN SOCIETY FOR BLOOD AND MARROW TRANSPLANTATION (ASBMT) www.asbmt.org

AMERICAN SOCIETY FOR HISTOCOMPATIBILITY AND IMMUNOGENETICS (ASHI) www.ashi-hla.org

BONE MARROW DONORS WORLDWIDE (BMDW) www.bmdw.org

CENTER FOR INTERNATIONAL BLOOD AND MARROW TRANSPLANT RESEARCH (CIBMTR) www.cibmtr.org

EUROPEAN GROUP FOR BLOOD AND MARROW TRANSPLANTATION (EBMT) www.ebmt.org

THE EUROPEAN FEDERATION FOR IMMUNOGENETICS (EFI) www.efiweb.eu

THE EASTERN MEDITERRANEAN BLOOD AND MARROW TRANSPLANTATION GROUP (EMBMT) www.embmt.org

EUROPEAN MARROW DONOR INFORMATION SYSTEM (EMDIS) www.emdis.net

THE EUROPEAN SCHOOL FOR HAEMATOLOGY (ESH) www.esh.org

**EUROCORD** www.eurocord.org

FOUNDATION FOR THE ACCREDITATION OF CELLULAR THERAPY (FACT) www.factwebsite.org

INTERNATIONAL CELLULAR THERAPY CODING AND LABELING ADVISORY GROUP (ICCBBA) www.iccbba.org

INTERNATIONAL SOCIETY OF BLOOD TRANSFUSION (ISBT) www.isbtweb.org

THE INTERNATIONAL SOCIETY FOR CELLULAR THERAPY (ISCT) www.celltherapysociety.org

JOINT ACCREDITATION COMMITTEE-ISCT EUROPE (JACIE) www.jacie.org

LATIN AMERICAN BLOOD AND MARROW TRANSPLANTATION GROUP (LABMT) labmt@wbmt.org

**NETCORD** www.netcord.org

WORLD MARROW DONOR ASSOCIATION (WMDA) www.worldmarrow.org