

# 2022 Cord Blood Connect Agenda

The organizing committees for *Cord Blood Connect* have developed an agenda that has plenary sessions and two tracks of concurrent sessions, one for scientific investigations and the other for technology and education.

Continuing medical education (CME), continuing medical laboratory education (CMLE), and certificates of attendance will be provided.

*NOTE: Times subject to change.*

## Thursday, September 8

(Pre-Congress Day)

8:00 am **FACT Accreditation Workshop and Quality Principles** – All-day program that requires separate registration

8:00 am **FACT Cord Blood Inspector Training Course** – All-day program that requires separate registration

4:00 pm *Cord Blood Connect* Registration Opens

## Friday, September 9

7:00 am Registration Opens

7:15 am Breakfast with Exhibitors

8:15 am Congress Opens: **A Preview of This Year's Congress**

*Congress Co-Chairs: Joanne Kurtzberg, Karen Ballen and Marcie Finney*

8:30 am Opening Plenary Session: **Honoring Hal Broxmeyer – Discovering Cord Blood Stem Cells and Beyond**

*Joanne Kurtzberg, Moderator*

Hal Broxmeyer – A Lifetime of Discovery • *James Ropa*

Hal Broxmeyer – The Consummate Mentor • *Maegan Capitano*

The Story of the First Transplant • *Scott Cooper*

Panel Discussion: *Maegn Capitano, Scott Cooper, Matthew Farrow, Eliane Gluckman and James Ropa*

10:00 am Refreshment Break with Exhibitors

10:30 am Concurrent Scientific Session: **Why Choose a Cord Blood Donor? Long-Term Outcomes of Cord Blood Transplantation**

*Jaap Jan Boelens, Moderator*

Long-Term Outcomes including Chronic GvHD and Quality of Life • *Jaap Jan Boelens*

Secondary Malignancies after Cord Blood Transplantation • *Eliane Gluckman*

Advantages of Cord Blood Transplantation over Other Sources – Japanese Registry Analysis • *Junya Kanda*

10:30 am Concurrent Technical Session: **Best Practices to Address Gaps in Education about Cord Blood Utilization**

*Roger Horton, Moderator*

The UK Cord Consortium – Maximizing Patient Benefit and Securing the Future of Cord Blood Transplant • *Roger Horton*

Practical Challenges in Cord Blood Transplantation – How Can Registries and Cord Blood Banks Help? • *Chloe Anthias*

The Role of Cord Blood Banks for Unrelated Stem Cell Transplantation in Japan • *Minoko Takanashi*

12:00 pm Lunch with Exhibitors

1:30 pm Concurrent Scientific Session: **Expansion of Cord Blood Cells – New Horizons for Cord Blood Transplantation**

*Mitchell Horwitz, Moderator*

Allogeneic Transplant with Ombiducel • *Mitchell Horwitz*

UM 171 Expansion Strategy • *Sandra Cohen*

Expansion Strategies To Improve Graft-vs-Leukemia • *Filippo Milano*

1:30 pm Concurrent Technical Session: **Preclinical Studies of Emerging Cord Blood and Cord Tissue Therapeutics**

*Omar Aljitawi, Moderator*

Decellularized Wharton's Jelly Matrix for Regenerative Medicine and Cancer Application • *Omar Aljitawi*

Preclinical Development of MSC Therapies • *Krish Roy*

Development of a Potency Assay for Bone Marrow-Derived MSC Therapy for Acute GvHD in Children • *Silviu Itescu*

3:00 pm Refreshment Break with Exhibitors

- 3:30 pm Concurrent Scientific Session: **The Role of Infectious Pathogens in Cord Blood Banking and Transplantation**  
*Patrick Hanley, Moderator*
- Transplanting Cord Blood-Derived Virus-Specific T-Cells • *Patrick Hanley*
  - Zika and Its Impact on Cord Blood Banking • *Beth Shaz*
  - Cord Blood for COVID-19 • *Douglas Gladstone*
- 3:30 pm Concurrent Technical Session: **Cord Blood as a Platform Technology – Beyond Transplant**  
*Monica Avila, Moderator*
- Manufacture of Cord Blood-Derived T-Regulatory Cells • *Monica Avila*
  - One Platform, Multiple Cell Types • *Joe Blake*
  - Cord Blood as Source Material for Novel iPSC -Derived Immunotherapeutics • *John Wagner*
- 5:15 pm Literature Review: **Things You Would Have Read if You Had Time To Peruse All of the Literature in and Related to Our Field**  
*Filippo Milano, Moderator*
- Panelists: Leland Metheny and Ioannis Politikos
- 6:30 pm Welcome Reception

## Saturday, September 10

- 7:00 am Registration
- 7:15 am Breakfast with Exhibitors
- 8:30 am President's Session: **Regulatory Issues and Ethics**  
*Joanne Kurtzberg, Moderator*
- FDA Guidance for Gene and Cell-Based Therapies for Ultra Rare Diseases • *Peter Marks*
- 10:00 am Refreshment Break with Exhibitors
- 10:30 am Plenary Session: **Banking and Transplantation in Times of Crisis – Natural Disasters, War and other Man-Made Calamities**  
*Yaroslav Issakov, Moderator*
- Experience of Earthquake and Tsunami • *Minoko Takanashi*
  - Radiation Treatment Network • *Nelson Chao*
  - Wartime Preparedness – Ukraine Cord Blood Bank • *Yaroslav Issakov*
- 12:00 pm Lunch with Exhibitors
- 1:30 pm Concurrent Scientific Session: **Beyond Transplant – Cord Blood and Birthing Tissues as a Source of Novel Therapeutics**  
*Ngaire Elwood, Moderator*
- Investigations of Cord Blood in Cerebral Palsy • *Jessica Sun*
  - Safety and Feasibility of Adjunct Autologous Cord Blood Cell Therapy during the Norwood Heart Operation for Neonates with Hypoplastic Left Heart Syndrome – First-in-Human Trials Results • *Rizwan Salvatore Pepe*
  - Development of Therapies from Cord Blood-Derived iPSC Cells • *Ngaire Elwood*
  - Update on Clinical Trials Evaluating Cell Therapy for Autism • *Lauren Franz*
- 1:30 pm Concurrent Technical Session: **Expanding the Portfolio of Cord Blood Banks**  
*Roberto Waddington, Moderator*
- Novel Business Models to Sustain Banks • *Arun Prasath*
  - Optimal Management of Inventory in a Public Bank • *Nicoletta Sacchi*
  - Do's and Don'ts of Growth • *Peter Bawin*
  - Mergers & Acquisitions – Opportunities & Challenges • *Roberto Waddington*
- 3:00 pm Refreshment Break with Exhibitors
- 3:30 pm Concurrent Scientific Session: **Cord Blood-Derived Immune Effector Cells**  
*Colleen Delaney, Moderator*
- Generation of Multiple Cord Blood-Derived Immune Effector Cell Products from a Single Platform • *Colleen Delaney*
  - Anti-CD30 CAR-like Cord Blood-Derived NK Cells for CD30+ Lymphomas • *Yago Nieto*
  - HLA Criteria for Off-the-Shelf Products • *Michael O'Dwyer*

- 3:30 pm Concurrent Technical Session: **Cord Blood as a Platform Technology – Supporting Emerging Cell and Gene Therapies**  
*Donna Regan, Moderator*
- Introduction and Background • *Donna Regan*
- Opportunities/Challenges of Using Public Cord Blood Units for Platform Technologies • *Heather Stefanski*
- Leveraging CB Operations to Diversify Cord Blood Utility – Cleveland Cell Therapy Incubator • *Wouter Van't Hof*
- Preparing Cord Blood Banks for Success in New Frontiers • *Christina Melief*
- 5:00 pm Networking Break
- 5:15 pm Oral Abstracts and Best Abstract Awards
- 6:15 pm Meet the Authors Poster Session and Reception

## Sunday, September 11

- 7:00 am Registration
- 7:15 am Buffet Breakfast
- 8:30 am Plenary Session: **How Cord Blood Improves Access to Transplant Care and Decreases Health Care Disparities**  
*Karen Ballen, Moderator*
- Improving HLA Barriers to Transplant Access • *Stephen Spellman*
- Non-HLA Barriers to Transplant Care • *Karen Ballen*
- Title TBD • *Charlie Craddock*
- 10:00 am Refreshment Break
- 10:30 am Closing Session: **Cord Blood is Saving Lives – Recent Examples from the Clinic**  
*Juliet Barker, Moderator*
- Optimized Transplant Practices Translate to Outstanding Survival in Adult Cord Blood Transplant Recipients • *Juliet Barker*
- Left on Tenth • *Delia Ephron*
- Update on Haplo Cord Transplant • *Koen van Besien*
- 12:00 pm Congress Adjournment

# 2022 Cord Blood Connect International Congress

September 9-11



Karen Ballen, MD  
University of Virginia  
School of Medicine



Marcie Finney, MS, MBA  
Cleveland Cord  
Blood Center



Joanne Kurtzberg, MD  
Carolinas Cord Blood Bank  
Duke University

## Congress Co-Chairs

## Hosted by

Cord Blood Association

## in collaboration with

AABB

American Association of Tissue Banks

American Society for Transplantation and Cellular Therapy

Center for International Blood  
and Marrow Transplant Research

Eurocord

European School of Haematology

Foundation for the Accreditation of Cellular Therapy

International Society for Cell and Gene Therapy

National Marrow Donor Program | Be The Match

Parent's Guide to Cord Blood Foundation

Perinatal Stem Cell Society

Regenerative Medicine Foundation

Save the Cord Foundation

World Marrow Donor Association | NetCord

## Scientific Program Committee

Karen Ballen - University of Virginia (chair)  
Ngaire Elwood - BMDI Cord Blood Bank (vice-chair)  
Jaap-Jan Boelens - Memorial Sloan Kettering Cancer Center  
May Daher - M.D. Anderson Cord Blood Bank  
Cherie Daley - Celularity  
Colleen Delaney - Deverra Therapeutics, Inc.  
Daniel Gibson - Anthony Nolan  
Eliane Gluckman - Hôpital Saint-Louis  
Mary Horwitz - Medical College of Wisconsin  
Mitchell Horwitz - Duke University School of Medicine  
Dunia Jawdat - King Abdullah Int'l Medical Research Center  
Junya Kanda - Kyoto University  
Gesine Kögler - Jose Carreras Cord Blood Bank  
Leland Metheny - University Hospitals, Cleveland  
Filippo Milano - Fred Hutchinson Cancer Research Center  
Beth Shaz - Marcus Center for Cellular Cures

## Technology and Education Program Committee

Marcie Finney - Cleveland Cord Blood Center (chair)  
Irina Evseeva - Anthony Nolan (vice-chair)  
Heather Brown - Generate Life Sciences  
Christina Celluzzi - AABB  
Diane Fournier - Héma-Québec Public Cord Blood Bank  
Kate Falcon Girard - PerkinElmer Viacord  
Roger Horton - Anthony Nolan  
Ann Kaestner - Duke University School of Medicine  
Luiz Körschgen - University Clinic Düsseldorf Cord Blood Bank  
Aby J. Matthew - BioLife Solutions  
Ming Ming Li - Cordlife  
Dave Miller - National Marrow Donor Program  
Arun Prasath - Singapore Cord Blood Bank  
Nicoletta Sacchi - Italian Bone Marrow Donor Registry  
Minoko Takanashi - Japanese Red Cross Society  
Frances Verter - Parent's Guide to Cord Blood Foundation  
Roberto Waddington - CordVida Cord Blood Bank

## Major Support for the Congress Provided by

### Platinum

**Cryo-Cell International**

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