

2021 CORD BLOOD CONNECT VIRTUAL

The international congress includes a keynote lecture, scientific, technical and educational sessions, e-posters, oral presentations of selected best abstracts, and technical and commercial exhibits. Sessions will include:

Science

Advances in cord blood transplantation for leukemia

Beyond ex-vivo expansion for malignant and non-malignant diseases

Cord blood transplant outcomes: Clinical and economic perspectives

Critical aspects of MSC manufacturing for clinical use

Emerging therapies and regenerative medicine: Development of safe and effective products

Cord blood and the treatment of sickle cell disease and other hemoglobinopathies

Immune-modulating cell therapies

Technology

Cord blood banking 2.0

Innovations in cord blood banking to democratize HSCT

Cord blood banking sustainability: Strategies for the future

Improved time and access to cord blood transplantation: What transplant centers want

Perinatal tissue as source material for novel cell therapies

What doctors and donors should know about cord blood banking

Regulation, Ethics and Policy

Elements of consenting donors for novel uses of birthing tissues

SCHEDULE	<p>Western Hemisphere, Europe and Africa: The left-hand column, below, is session start times based on Eastern Daylight Time (EDT) in the United States. The right-hand column is session start times based on Coordinated Universal Time (UTC).</p>																	
	<p>Asia, Australia and the Pacific Rim: The entire day will be repeated, tape-delayed, beginning at 23:00 UTC. Representative local times on September 24 and October 1 are:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Beijing</td> <td style="padding: 2px;">7:00 am - 3:00 pm CST</td> <td style="padding: 2px;">New Delhi</td> <td style="padding: 2px;">4:30 am - 12:30 pm IST</td> <td style="padding: 2px;">Sydney</td> <td style="padding: 2px;">9:00 am - 5:00 pm AEST</td> </tr> <tr> <td style="padding: 2px;">Brisbane</td> <td style="padding: 2px;">9:00 am - 5:00 pm AEST</td> <td style="padding: 2px;">Seoul</td> <td style="padding: 2px;">8:00 am - 4:00 pm KST</td> <td style="padding: 2px;">Taipei</td> <td style="padding: 2px;">7:00 am - 3:00 pm CST</td> </tr> <tr> <td style="padding: 2px;">Melbourne</td> <td style="padding: 2px;">9:00 am - 5:00 pm AEST</td> <td style="padding: 2px;">Singapore</td> <td style="padding: 2px;">7:00 am - 3:00 pm SGT</td> <td style="padding: 2px;">Tokyo</td> <td style="padding: 2px;">8:00 am - 4:00 pm JST</td> </tr> </table>	Beijing	7:00 am - 3:00 pm CST	New Delhi	4:30 am - 12:30 pm IST	Sydney	9:00 am - 5:00 pm AEST	Brisbane	9:00 am - 5:00 pm AEST	Seoul	8:00 am - 4:00 pm KST	Taipei	7:00 am - 3:00 pm CST	Melbourne	9:00 am - 5:00 pm AEST	Singapore	7:00 am - 3:00 pm SGT	Tokyo
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EDT (USA)	Thursday, September 23	UTC
9:00 am	Congress Convenes	13:00
9:05 am	Welcome, Congress Overview and Status of the Field • <i>Joanne Kurtzberg, CBA President</i>	13:05
9:35 am	Improved Time and Access to Cord Blood Transplantation: What Transplant Centers Want <i>Karen Ballen, Chair</i> Cure Ready – Redefining Deliverability • <i>Vidya Ramraj</i> Initiatives to Improve Quality and Reduce Time to Cord Blood Transplant – FIT • <i>Heidi Elmoazzen</i> Initiatives to Improve Quality and Reduce Time to Cord Blood Transplant: An Australian Cord Blood Bank Perspective • <i>Ngaire Elwood</i>	13:35
10:30 am	Innovations in Cord Blood Banking to Democratize HSCT <i>Irina Evseeva, Chair</i> HLA Diversity: How Cord Blood Can Address an Unmet Need • <i>Jason Dehn</i> Maximizing Cord Utilization through Inventory Optimization – Punching Above Your Weight • <i>Roger Horton</i> How to Get the Cord Blood Bank Fit for Immediate Use, Advanced Products and Research • <i>Gesine Kögler</i>	14:30
11:20 am	Cord Blood Banking Sustainability: Strategies for the Future <i>Roberto Waddington, Chair</i> U.S. Public Bank Sustainability Strategies: Cleveland Perspective • <i>Marcie Finney</i> Overview of the Swiss Hybrid Cord Blood Experience • <i>Lorenz Amsler</i> Strategies to Support Cord Blood Economic Viability • <i>Daniel Gibson</i> Cord Blood Banking Sustainability via Global Consolidation • <i>Richard Jennings</i> Global Consolidation • <i>Teodoso Myslabodski</i> <i>This session is supported by an educational grant from Gamida Cell</i>	15:20
12:10 pm	What Parents and Physicians Should Know about Cord Blood Banking <i>Kate Falcon Girard, Moderator</i> Panelists: <i>Catherine Viau (parent/patient), Karen Taylor (obstetrician) and Caridad Martinez (transplant physician)</i>	16:10

1:00 pm	Congress Reconvenes after Mid-Day Break	17:00
1:05 pm	Advances in Cord Blood Transplantation for Leukemia <i>John Wagner, Chair</i> Challenges in Cord Blood Transplantation • <i>Eliane Gluckman</i> Key Questions Impacting the Future of UCB Transplantation • <i>John Wagner</i> Path to Optimizing Cord Blood Transplant Outcomes in Adults with Leukemia • <i>Juliet Barker</i> Antibody-Based Transplant Conditioning with CD 117-ADC • <i>Rahul Palchaudhuri</i> CAR T-Cells Combined with HSCT for High-Risk Myeloid Malignancies • <i>Saar Gill</i>	17:05
2:30 pm	Beyond Ex-vivo Expansion for Malignant and Non-Malignant Diseases <i>Mitchell Horwitz, Chair</i> Expansion with E478 Significantly Increases the Rate of CRISPR-Mediated Homology Directed Repair and Improves Engraftment of Human Hematopoietic Stem Cells • <i>Kevin Goncalves</i> Stem Cell “Rejuvenescence” by UM171 • <i>Guy Sauvageau</i> Hematopoietic Cell Transplantation with Omidubicel • <i>Mitchell Horwitz</i>	18:30
3:20 pm	Cord Blood Transplant Outcomes: Clinical and Economic Perspectives <i>Filippo Milano, Chair</i> Treatment Strategy to Improve Cord Blood Transplant Outcomes in Japan • <i>Junya Kanda</i> Toward Predictable Immune Reconstitution after Cord Blood Transplant • <i>Jaap Jan Boelens</i> CBT is Associated with Good, Long-Term, Economical Profile Compared to Other Sources • <i>Shernan Holtan</i>	19:20
4:15 pm	Critical Aspects of MSC Manufacturing for Clinical Use <i>Krishnendu Roy, Chair</i> MSC Characterization for Early Stage Development • <i>Carolyn Yeago</i> Hematopoietic Stem Cell Gene Therapy • <i>Jan Nolte</i>	20:15
5:10 pm	Day One Adjournment	21:10

EDT (USA)

Thursday, September 30

UTC

9:00 am	Welcome to Day Two	13:00
9:05 am	Cord Blood Banking 2.0 <i>Sergio Querol Giner, Chair</i> Overview of the Concept of Cord Blood Banking 2.0 • <i>Sergio Querol Giner</i> What To Do with Collected, but Not Banked, Cord Blood Units • <i>Paolo Rebulla</i> The Future of Cord Blood: Novel Cell Therapies Outside the Transplant Setting • <i>E.J. Shpall</i> CB-IPSC Haplobank-Derived Cell Therapies • <i>Belén Alvarez-Palomo</i> Leveraging Cord Blood Banking Capabilities for Broader Benefits to Cell Therapy Delivery • <i>Daniel Gibson</i>	13:05
10:05 am	Perinatal Tissue as Source Material for Novel Therapies <i>Marcie Finney, Moderator</i> Panelists: <i>Alicia Dixon, Troels Jordansen, Beth Kuker, David Lin, Mahendra Rao and Camillo Ricordi</i>	14:05
11:00 am	Ethical Considerations Regarding Non-Transplant Uses of Cord Blood <i>Jeremy Sugarman, Chair</i> Panelists: <i>Haywood Brown, Heather Brown, Joanne Kurtzberg, Margit Mueller, Heather Stefanski and Frances Verter</i> <i>This session is supported by an educational grant from the National Marrow Donor Program Be The Match</i>	15:00
1:00 pm	Congress Reconvenes after Mid-Day Break	17:00
1:05 pm	Best Abstract Awards and Oral Presentations Identification and Successful Re-Consent of Existing Cord Blood Donors for the Creation of Induced Pluripotent Stem Cell Lines • <i>Karen Abberton</i> Umbilical Cord Blood and Umbilical Cord Tissue Mesenchymal Stromal Cells in Children with Cerebral Palsy, a Randomized Trial • <i>Jessica Sun</i> Expanded Access Protocol of Umbilical Cord Blood Infusion for Children with Neurological Conditions - An Update • <i>Colleen McLaughlin</i> <i>This session is supported by an educational grant from Gamida Cell</i>	17:05
1:40 pm	Emerging Therapies and Regenerative Medicine: Development of Safe and Effective Products <i>Joanne Kurtzberg, Chair</i> Game Changers: Using Cord Blood/Tissue Therapies to Heal the Brain • <i>Joanne Kurtzberg</i> Motor Function in Children with Cerebral Palsy • <i>Jessica Sun</i> Advancing the Development of Safe and Effective Regenerative Medicine Products • <i>Peter Marks</i> <i>This session is supported by an educational grant from BioLife Solutions</i>	17:40

2:35 pm	Cord Blood and the Treatment of Sickle Cell Disease and Other Hemoglobinopathies <i>Beth Shaz, Chair</i> Stem Cell Transplant Based Treatment for Hemoglobinopathies • <i>Shalini Shenoy</i> Gene Therapy for Sickle Cell Disease and Other Hemoglobinopathies • <i>John Tisdale</i>	18:35
3:30 pm	Immune-Modulating Cell Therapies <i>Colleen Delaney, Chair</i> Engineering Cord Blood-Derived Natural Killer Cells for Cancer Immunotherapy • <i>May Daher</i> UCB-Derived Regulatory T-Cell Therapeutics • <i>John Wagner</i> Infusion of an Allogeneic Non-Engrafting Cell Therapy to Enhance Remission Rates in Patients with Newly Diagnosed AML • <i>Colleen Delaney</i>	19:30
4:40 pm	Adjournment	20:40

2021 Cord Blood Connect International Congress

September 23 and 30



Heather Brown, MS
Generate Life Sciences



Ngaire Elwood, PhD
BMDI Cord Blood Bank



Joanne Kurtzberg, MD
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

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 Juliet Barker - Memorial Sloan Kettering Cancer Center
 Jaap-Jan Boelens - Memorial Sloan Kettering Cancer Center
 Colleen Delaney - Deverra Therapeutics, Inc.
 Heidi Elmoazzen - Canadian Blood Services
 Eliane Gluckman - Hôpital Saint-Louis
 Parameswaran Hari - Medical College of Wisconsin
 Roger Horton - Anthony Nolan
 Mitchell Horwitz - Duke University School of Medicine
 Dunia Jawdat - King Abdullah Int'l Medical Research Center
 Gesine Kögler - Jose Carreras Cord Blood Bank
 Young-Ho Lee - Hanyang University Medical Center
 Filippo Milano - Fred Hutchinson Cancer Research Center
 Sergio Querol - Banc de Sang i Teixits
 Donna Regan - National Marrow Donor Program
 Katy Rezvani - M.D. Anderson Cord Blood Bank
 Krishnendu (Krish) Roy - Georgia Institute of Technology
 Jaime Shamonki - Generate Life Sciences
 Bronwen Shaw - CIBMTR
 Beth Shaw - Marcus Center for Cellular Cures
 E.J. Shpall - M.D. Anderson Cord Blood Bank
 Jessica Sun - Duke University School of Medicine

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 Marcie Finney - Cleveland Cord Blood Center (vice chair)
 Karen Ballen - University of Virginia Health System
 Christina Celluzzi - AABB
 Monica Chen - StemCyte (USA)
 Irina Evseeva - Anthony Nolan
 Diane Fournier - Héma-Québec Public Cord Blood Bank
 Kate Falcon Girard - PerkinElmer Viacord
 Ann Kaestner - Duke University School of Medicine
 Luiz Körschgen - University Clinic Düsseldorf Cord Blood Bank
 Ming Ming Li - Cordlife
 Kathy Loper - AABB
 Aby J. Matthew - BioLife Solutions
 Arun Prasath - Singapore Cord Blood Bank
 Frances Verter - Parent's Guide to Cord Blood Foundation

Major Support for the Congress Provided By

Cryo-Cell International
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