SCIENTIFIC PROGRAM

Thursday, June 8, 2017
CORD BLOOD TRANSPLANTATION

7:45 a.m.    Welcome and Opening Remarks

7:50 a.m. – 9:20 a.m.
Cord Blood Expansion and Hematopoiesis – Pre-Clinical Studies
Chair: Naynesh Kamani, MD

Enhancing the Collection, Homing, and Engraftment of Human Cord Blood Hematopoietic Stem Cells for Future Therapeutic Efficacy
Speaker: Hal Broxmeyer, Ph.D.

Speaker: Shahin Rafii, MD

Large-Scale Production of Functional Hematopoietic Cells from Cord Blood CD34+ Cells
Speaker: Xin Guan, PhD

9:20 a.m. - 9:45 a.m.    Refreshment Break

9:45 a.m. - 11:15 a.m.
Improving Cord Blood Transplant Outcomes
Chair: Omar Aljitawi, MD

Use of Hyperbaric Oxygen Therapy to Improve Umbilical Cord Blood Stem Cell Homing
Speaker: Omar Aljitawi, MD

Use of Pyrimidoindole Derivative UM171 for Cord Blood Expansion
Speaker: Guy Sauvageau, MD, Sandra Cohen, MD

Cord Blood Transplantation in Patients with Minimal Residual Disease
Speaker: Filippo Milano, MD
11:15 a.m. -12:45 p.m.
Results of Recent Cord Blood Transplant Trials
Chair: Claudio Brunstein, MD, PhD

Nicord Expanded Cord Blood Units in Cord Blood Transplant for Children with Severe Sickle Cell Disease – Results of a Phase I/II Trial
Speaker: Suhag Parikh, MD

HIV-1 Infected Cord Blood Transplantation with CCR5Δ32 Subjects Undergoing Transplantation
Speaker: Yvonne Bryson, MD

The Safety and Efficacy of Human Placental Derived Stem Cells in Combination with Unrelated Cord Blood Transplantation in Children
Speaker: Mitchell Cairo, MD

12:45 p.m. – 2:00 p.m. Lunch with Exhibitors

2:00 p.m. – 3:30 p.m. Workshops (select one)

Workshop A: National Marrow Donor Program/Be the Match Session
Challenging Case Studies from the Cord Blood Processing Laboratory
Chair: Merry Duffy

Cord Units Thawed Upon Receipt, Broken Bag Issues, and Other Miscellaneous Issues
Speaker: Andromachi Scaradavou, MD

Immediate Transfusion Reactions After CB Infusion
Speaker: Juliet Barker, MD

Review of CB Thawing Procedures and ‘Best Practices’ Recommendations
Speaker: John Miller, MD

Workshop B: Same Questions Different Answers
Chair: Heather Brown, MS, LCGC
This interactive workshop will explore some of the issues and challenges uniquely faced by the family banking industry. Attendees can look forward to a highly interactive discussion. Topics include:

- The Future Utilization of Cord Blood and Cord Tissue (MSC) – Where are we, and where are we going?
- Is it OK to be different? – A close look at private industry CB banking and release specifications
- Cross-over of CB units – US vs Global Perspective

Panelists: Salem Akel, PhD
3:30 p.m.- 3:50 p.m. Refreshment Break

3:50 p.m. - 5:00 p.m.
Session: Oral Abstract Presentations
Chair: Heather Brown MS, LGCG
Oral presentations of top abstracts in each of three submission categories including “Best Abstract” award recipients.

OPENING NETWORKING AND POSTER RECEPTION

Friday, June 9, 2017
CORD BLOOD BANKING AND COMMERCIALIZATION

8:00 a.m. Opening Remarks

8:05 a.m. - 9:45 a.m.
Chair: Donna Regan, MT(ASCP)SBB

Brief Presentations on the Potential Impact of 21st Century Cures on the Cord Blood and Regenerative Medicine Industry
Speakers: Janet Marchibroda, Marc Scheinenson

Panel Discussion:
Donna Regan, MT(ASCP)SBB; Joanne Kurtzberg, MD; Amanda Parrish, PhD, RAC; Mark Portnoy

9:45 a.m. - 10:15 a.m. Refreshment Break

10:15 a.m. - 11:45 a.m.
Innovative Models for Cord Blood Banking
Chair: Fran Verter, PhD

Overview of Industry Statistics
Speaker: Fran Verter, PhD

Collaborative Cord Blood Banking: A Community Pool Model in India
Speaker: Vinesh Mandot

The Use of Wharton’s Jelly Derived Mesenchymal Stromal Cells for GVHD and Other Indications
Speaker: Tomasz Baran, MD, MBA

11:45 a.m. – 1:15 p.m. Lunch with Exhibitors
1:15 p.m. – 2:45 p.m.
Commercialization of Cord Blood Therapies: ABC’s of Intellectual Property, Technology Transfer and Development
Chair: Aby J. Mathew, PhD

Intellectual Property and Support for Commercialization of Cell Therapies
Speaker: TBD

Considerations for Technology Transfer and Scale Up: Academic Center to Commercial Company
Speaker: Shelly Heimfeld, PhD

Standardization in Global Development of a CT Product: Who, What, Where and How
Speaker: Yael Margolin, PhD

2:45 p.m. – 3:15 p.m. Refreshment Break

3:15 p.m. - 4:45 p.m. Workshops (select one)

Workshop A: How to Manage Parent and Midwife Enthusiasm for Delayed Clamping
Chair: Melissa Greenwald, MD
This workshop will focus on the effects of delayed clamping on cord blood collections.
Speakers and Panel: Haywood Brown, MD, Elisabeth Semple, PhD

Workshop B: How to Define a High-Quality Product and Designing a Quality Unit
Chair: Sharon Miller, MT(ASCP), CHS(ABHI)
Speakers and Panel: Tina Krieg, BS and Amanda Parrish, PhD, RAC

4:45pm Closing Remarks

Optional Evening Event – Details Pending
Saturday, June 10, 2017
NEW REGENERATIVE MEDICINE APPLICATIONS OF CORD BLOOD AND PERINATAL TISSUES

7:45 a.m. – 8:15 a.m.
Opening Keynote: Physician/Patient Perspective
Speaker: David Hall, MD

8:15 a.m. – 9:45 a.m.
Perinatal Materials - Banking Models and Applications (Perinatal Stem Cell Society Session)
Chair: Kyle Cetrulo

Processing and Storage Methods of Perinatal Tissues (Cord Tissue, Amnion and Placenta)
Speaker: Rouzbeh Taghizadeh, PhD

Speaker: Kyle Cetrulo

Amniotic Epithelial Exosomes and Their Neurotrophic Profile Compared to MSCs from Different Origins
Speaker: Ramon Coronado, PhD

9:45 a.m. - 10:10 a.m. Refreshment Break

10:10 a.m. - 11:40 a.m.
New Regenerative Applications
Chair: Joanne Kurtzberg, MD

Amniotic Stem Cells and Tissues for Wound Healing Applications
Speaker: Sean Murphy, PhD

Cord Derived Mesenchymal Stromal Cells for Interstitial Fibrosis
Speaker: Marilyn Glassberg, MD

Autologous Cord Blood for the Treatment of Autism and Cerebral Palsy
Speaker: Joanne Kurtzberg, MD

11:45 a.m. -2:00 p.m. Special Lunch Session with Exhibitors

Lunch and Learn – “Closing the Gap”
Interactive round table sessions in a networking format offering vendors and customers in the cord blood industry, the opportunity to discuss: industry needs, product modifications and opportunities for new technologies. An industry expert will moderate each round table session to facilitate the exchange of ideas, questions, tips and best-practices. Lunch will be served and participants will have the opportunity to move among different table topics during the session.

2:00 p.m. CLOSING AND ADJOURNMENT