SECOND INTERNATIONAL

Cord Blood Stem Cells:
Banking, Expansion & Transplants: An Alternative to Bone Marrow

October 16-18, 1995
Miyako Hotel
San Francisco, California

Please Return to: C. L. CETRULO
7 CAMELOT DR.
HINGHAM, MA

Organized and sponsored by:
Cambridge Healthtech Institute
1037 Chestnut Street
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tel: 617-630-1300
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World Wide Web: http://www.healthtech.com/conferences
E-mail: chi@healthtech.com
Second International Conference on
Cord Blood Stem Cells: Banking, Expansion & Transplants:
An Alternative to Bone Marrow

OCTOBER 15, 1995

12:00-1:00
Workshop Registration, Poster Set-up

Workshop on Fetal Tissue Transplantation

1:00 Chair's Opening Comments
Dr. Jean-Louis Touraine, Head of Transplant Unit at the University Hospital Edouard Herriot, Lyon and Professor, Claude Bernard University of Lyon

1:05 In Utero Transplantation of Fetal Liver Stem Cells into Human Fetuses
Dr. Jean-Louis Touraine

1:35 Collection and Characterization of Fetal Tissue for Transplantation
Dr. Kenneth Ward, Associate Professor, Obstetrics, Gynecology and Human Genetics, Investigator, Eccles Program in Human Molecular Biology and Genetics, and Director, University of Utah DNA Diagnostic Laboratory, University of Utah School of Medicine

2:05 Quo Vadis Tissue Transplantation
Dr. Maria Michejda, Research Associate Professor, Department of Pediatrics, Immunology Center, Georgetown University Medical Center

2:35 Poster Viewing and Refreshment Break

3:15 Fetal Neural Transplants for Parkinson's Disease
Dr. Curt R. Freed, Professor and Head, Division of Clinical Pharmacology and Toxicology, Departments of Medicine and Pharmacology, Director, Neurotransplantation Program for Parkinson's Disease, University of Colorado Health Science Center

3:45 Fetal Tissue Banking: Collection, Standards, and Regulatory Issues
Dr. Helen Newman-Gage, Research Scientist, Northwest Tissue Center

4:15 Panel Discussion

4:45 Close of Workshop
Workshop on Storage and Cryopreservation of Cord Blood

1:00 Chair's Opening Comments
Dr. Eugene M. Berkman, Professor of Medicine, Tufts University School of Medicine and Medical Director, Blood Bank, New England Medical Center

1:05 Methods of Cryopreservation of Stem Cells from Cord Blood
Dr. Eugene M. Berkman

1:35 The Collection and Handling of Umbilical Cord Blood Stem Cells, How To Get Them and What To Do With Them
Dr. Robert A. Dracker, Medical Director, Biocyte, Corporation, Medical Director, Infusacare Medical Services; and Assistant Professor, Departments of Pediatrics and Pathology, State University of New York-health Science Center

2:05 Enhanced Cryopreservation of Stem Cells
Dr. Howard E. Purdum, President, SimuTech, Inc.

2:35 Poster Viewing and Refreshment Break

Roundtable Discussion on Cryopreservation Equipment

3:15 Technology of Cellular Separation and Computer Controlled Cryopreservation Under Optimal Conditions
Mr. Daniel Richard, Chairman and Chief Executive Officer, CRYO-CELL International, Inc.

3:35 Storage and Cryopreservation of Cord Blood
Mr. Michael S. Lebin, President, Pacific Science, Inc.

3:55 Cryopreservation and Storage of Cord Blood
Mr. Dermot O. Dinan, President, TS Scientific

4:15 Workshop Panel Discussion

4:45 Close of Workshop

7:00-9:00 PM
Early Registration, Exhibit and Poster Set-up
Second International Conference on

Cord Blood Stem Cells: Banking, Expansion & Transplants:
An Alternative to Bone Marrow
October 16-18, 1995

SUNDAY, OCTOBER 15, 1995
7:00-9:00 PM
Early Registration, Exhibit and Poster Set-up

MONDAY, OCTOBER 16
7:30-8:30 AM
Registration, Exhibit and Poster Set-up, Continental Breakfast

OVERVIEW

8:30 Chair's Opening Comments
Dr. Curtis L. Cetrulo, Professor of Obstetrics and Gynecology, Tufts University
Medical School & Director of Obstetrics, St. Elizabeth's Medical Center

8:40 Medicolegal Implications of Placental/Cord Blood Banking
Dr. Curtis L. Cetrulo

9:10 Traversing the Gulf from Experimental to Standard-The Challenge for Cord
Blood Stem Cell Transplantation
Dr. Stuart E. Lind, Associate Professor of Pathology and Medicine and Director,
Coagulation Laboratory, University of Vermont

9:40 Exhibit and Poster Viewing, Refreshment Break

10:30 Regulatory Issues and Uncertainty for Cord Blood Banking and
Transplantation
Dr. Adrian P. Gec, Director, Applied Research Program, Division of
Transplantation Medicine, University of South Carolina School of Medicine

11:00 Economic Issues in Cord Blood Banking Transplantation
Dr. Steven Kleinman, Professor of Pathology and Laboratory Medicine and Co-
Director of the Transfusion Medicine Service, University of California-Los
Angeles Medical Center

11:30 DNA Based HLA Typing
Dr. Elizabeth A. Trachtenberg, Director, HLA Laboratory and Associate
Researcher, Children's Hospital Oakland Research Institute

12:00 Panel Discussion

12:30 Luncheon (sponsored by Cambridge Healthtech Institute)
BIOLGY & IMMUNOLOGY OF CORD BLOOD

1:45 Chair's Comments  
Dr. Hal E. Broxmeyer, Mary Margaret Walther Professor of Medicine, Professor of Microbiology and Immunology, and Scientific Director, The Walther Oncology Center, Indiana University School of Medicine

1:50 Comparison of Proliferative Potential of Human Hematopoietic Cells  
Dr. Anna Rita Migliaccio, Associate Member, Laboratory of Hematopoietic Growth Factors, The New York Blood Center

2:20 Stem Cell Biology and its Implications for Cord Blood Transplantation: Clinical Perspectives  
Dr. Philip A. Lowry, Hematology/Oncology Division, Department of Medicine, University of Massachusetts Medical Center

2:50 Immune Functions of Cord Blood Cells Before and After Transplantation  
Dr. Maria-Grazia Roncarolo, Senior Staff Scientist, Human Immunology Department, DNAX Research Institute of Molecular and Cellular Biology, Inc.

3:20 Exhibit and Poster Viewing and Refreshment Break

GENE THERAPY USING CORD BLOOD

4:00 Cord Blood Stem/Progenitor Cells and Gene Transfer  
Dr. Hal E. Broxmeyer

4:30 Preclinical Modeling for Stem Cell-based HIV Gene Therapy  
Dr. David L. DiGiusto, Project Team Leader, Ribozyme Pharmaceuticals Inc./Progenesys

5:00 Gene Transduction and Transplantation of Umbilical Cord Blood CD34+ Cells from ADA-deficient SCID Neonates  
Dr. Donald B. Kohn, Associate Professor, Department of Pediatrics and Microbiology, School of Medicine and Division of Research Immunology/Bone Marrow Transplantation, Children's Hospital Los Angeles

5:30 Panel Discussion

6:00 Organization Meeting for the Society of Cord Blood Banking
TUESDAY, OCTOBER 17
7:00-8:00 AM
Exhibit, Poster Viewing and Continental Breakfast

EXPANSION OF CORD BLOOD STEM CELLS

8:00 Chair's Comments
Dr. Malcolm A.S. Moore, Enid A. Haupt Professor of Cell Biology and Head, James Ewing Laboratory of Developmental Hematopoiesis, Memorial Sloan-Kettering Cancer Center

8:05 Ex vivo Expansion of Cord Blood Cells: Comparison of Cytokine Combinations, Marrow Stromal, and Endothelial Cells
Dr. Malcolm A. S. Moore

8:35 Multifunctional Regulators of Stem Cell Growth and Apoptosis
Dr. Sten Erik W. Jacobsen, Head, Blood Cell Growth Factors, Hipple Cancer Research Center

9:05 CD34 Progenitor Cell Selection: Clinical Transplantation, Tumor Cell Purging, Gene Therapy, and Ex vivo Expansion
Mr. Mark A. Colter, Product Manager, CellPro, Inc.

9:35 Exhibit and Poster Viewing, Refreshment Break

10:30 Engineering of Stem Cell Grafts Through Density Gradient Based Cell Separation
Dr. Frank H. Valone, Vice President, Medical and Regulatory Affairs, Activated Cell Therapy

11:00 CD34+ Cell Selection: Principles of Isolation, Expansion and Clinical Uses
Dr. John D. McMannis, Director of Scientific and Technical Affairs, Immunotherapy Division, Baxter Healthcare Corporation

11:30 Panel Discussion

12:00 Lunch (on your own)
CORD BLOOD BANKING ISSUES

1:15  Chair's Comments
     Dr. Anthony Sbarra, Professor of Obstetrics and Gynecology, Tufts University
     School of Medicine and Stem Cell Research Director, St. Elizabeth's Medical
     Center

1:20  The National Heart, Lung and Blood Institute and Cord Blood Stem Cell
     Transplantation
     Dr. Paul R. McCurdy, Director, Blood Resources Program, Division of Blood
     Diseases and Resources, National Heart, Lung and Blood Institute

1:50  The Italian Network of Cord Blood Banks
     Dr. Lorenza Lazzari, Research Associate, Centro Trasfusionale e di Immunologia
     dei Trapianti, Department of Hematology, Ospedale Maggiore Policlinico

2:20  Challenges in the Development of a Local Cord Blood Bank
     Dr. Geralyn M. Meny, Assistant Professor of Pathology and Co-Director,
     University of Texas Southwestern Children’s Medical Center Cord Blood Project,
     Medical Center at Dallas

2:50  Exhibit and Poster Viewing, Refreshment Break

3:45  The Application of Current Good Manufacturing Practices to Cord Blood
     Banking
     Dr. Thomas F. Zuck, Director, Hoxworth Blood Center, and Professor of
     Transfusion Medicine, University of Cincinnati Medical Center

4:15  The Development and Implementation of a Validation Master Plan:
     Implementing a Pharmaceutical Level Validation Program in a Cord Blood
     Bank
     Mr. Brian O’Neil, Vice President, Operations, Viacord, Inc.

4:45  Panel Discussion

5:15-6:30
     Evening Reception
Wednesday, October 18
7:30-8:30 am
Exhibit and Poster Viewing, Continental Breakfast

Clinical Results of Cord Blood Transplantation

8:30 Chair's Comments
Dr. Raj N. Pahwa, Professor of Pediatrics, Albert Einstein College of Medicine and Director, Bone Marrow Transplantation Unit, Schneider Children's Hospital of Long Island Jewish Medical Center

8:35 Update of Results from the International Registry for Cord Blood Transplants
Dr. John Edward Wagner, Associate Professor of Pediatrics, Division of Bone Marrow Transplantation, University of Minnesota Medical School

9:05 European Results of Cord Blood Transplants
Dr. Eliane Gluckman, Professor of Hematology, and Head of Bone Marrow Transplant Unit, Hospital Saint-Louis

Dr. Joanne Kurtzberg, Professor of Pediatrics, Director of Bone Marrow Program, Director, Pediatric Bone Marrow Laboratory, Duke University Medical Center

10:05 Exhibit and Poster Viewing, Refreshment Break

11:00 Gelatin-Based Erythrocyte Depleted Allogeneic Cord Blood Stem Cell Transplantation
Dr. Raj N. Pahwa

11:30 Experience with Autologous and Allogeneic Cord Blood Banking
Dr. David T. Harris, Associate Professor of Immunology and Director, University of Arizona Cord Blood Stem Cell Bank

12:00 Panel Discussion

12:30 Close of Conference
Tufts University
School of Medicine

FOURTH INTERNATIONAL
CORD BLOOD
CONGRESS:
Processing, Banking, Biology & Transplants

September 6-9, 1997

Excelsior Palace Hotel
Rapallo, Portofino
Italy
FOURTH INTERNATIONAL CORD BLOOD CONGRESS

SATURDAY, SEPTEMBER 6
PM
5:30 - 6:30 EARLY REGISTRATION
6:30 Welcome and Introduction
(Sala Simpson)
Anthony J. Searra, PhD
Curtis L. Cetrulo, MD
Welcome to Italy
Girolamo Sirchia, MD
7:00 - 8:30 RECEPTION
(Main Terrace)

SUNDAY, SEPTEMBER 7
AM
7:30 - 8:30 BUFFET BREAKFAST
(Lord Byron Restaurant)
8:30 Registration/Check-In
(Sala Simpson)

PLENARY SESSION I
Collection, Processing and Cryopreservation of
Cord Blood Stem Cells
Moderator - Girolamo Sirchia, MD
(Sala Simpson)
9:00 Logistical and Practical Issues Associated with
Creation of a New Cord Blood Bank under the National Heart,
Lung and Blood Institute Program
John K. Fraser, PhD
9:30 Cord Blood Banking in Italy
Girolamo Sirchia, MD
10:00 REFRESHMENTS
(Meeting Terrace)
10:45 Progress in Banking and Ex-Vivo Expansion at the
Düsseldorf Cord Blood Bank
Gesine Kögler, PhD
11:15 Cord Blood Banking and Transplantation in the United
Kingdom
J. M. Hows, MD
11:45 Panel Discussion
12:15 LUNCH
(Faruk)
SUNDAY, SEPTEMBER 7
PM
1:45 - 3:45

**ABSTRACT SESSION I**

Moderator - Chester Andrzejewski, MD, PhD
(Sala Simpson)

1:45 Preliminary Results of the Cord Blood Bank Activities in Warsaw Poland
Zygmuntpoja

1:55 The Mannheim Cord Blood Project: Routine Experience and Current Data of the First 200 Stored CB Samples
Hermann Eichler, MD

2:05 Correlation Between Cord Blood Collection Volumes and Bacteriological Contamination
Janice Dunn

2:15 Long-Term Cryopreservation of Cord Blood Mononuclear Cells for Hematopoietic Stem Cell Transplantation
Kun Soo Lee, MD

2:25 The Effect of Time Interval and Temperature Between Cord Blood Collection and Processing on the Mononuclear Cells and CD34+ Cells
Youngho Lee

2:35 Evaluation of Pentaspan to Reduce the Volume of Cord Blood Donations
Kerri Carlton

2:45 Analysis of Cord Blood Lymphocytes
Florinda Gilsanz

2:55 Who Donates Cord Blood?
Karen Ballen, MD

Lluis Amat

3:15 Question and Answer Session

3:45 Refreshments
(MEETING TERRACE)

Plenary Session I (cont.)

4:15 The University of Arizona Experience in Autologous and Allogeneic Cord Blood Banking
David T. Harris, PhD

4:45 Cord Blood Transplant in Wiscott-Aldrich Syndrome
Raj N. Pahwa, MD

5:05 The Role of the Obstetrician in Cord Blood Banking
Curtis L. Cetrulo, MD

5:30 Panel Discussion

6:00 Adjourn
MONDAY, SEPTEMBER 8
AM
7:30 - 8:30  BUFFET BREAKFAST  
(Lord Byron Restaurant)

8:30  Registration/Check-in  
(Sala Simpson)

PLENARY SESSION II

BIOLOGY AND IMMUNOLOGY OF CORD BLOOD STEM CELLS  
Moderator - Peter M. Lansdorp, MD, PhD  
(Sala Simpson)

9:00  Molecular Aging of Stem Cells: Loss of Telomere Repeats  
with each Cell Division  
Peter M. Lansdorp, MD, PhD

9:30  Effects of Severe Hypoxia in Vitro on Human Cord Blood  
Hematopoietic Progenitors  
Persio Dello Sbarba, MD, PhD

10:00  REFRESHMENTS  
(Meeting Terrace)

10:45  Ex-vivo Amplifications of the Myeloid and Lymphoid Compartments  
in Serum-Deprived Cultures of Human Cord Blood  
Giovanni Migliaccio, PhD

11:15  Placental/Cord Blood Stem Cells Transplantation:  
Correlation between the Progenitor Cell Dose and time  
to Myeloid Engraftment in 55 Unrelated Transplants  
Anna Rita Migliaccio, PhD

11:45  Panel Discussion

12:15  LUNCH  
(Faruk)
MONDAY, SEPTEMBER 8
PM
1:45 - 3:45  ABSTRACT SESSION II
MODERATOR - PERSIO DELLO SABBARA, MD, PhD
(SALA SIMPSON)

1:45  CLINICAL-SCALE HUMAN UMBILICAL CORD BLOOD CELL EXPANSION IN A
NOVEL AUTOMATED PERFUSION CULTURE SYSTEM
STEF DE REYS

1:55  COMPARISON OF LONG TERM CULTURE INITIATING CELLS IN UMBILICAL
CORD BLOOD TO LEUKAPHERESIS PRODUCTS AND BONE MARROW
KYUNG HA RYU

2:05  ALLOREACTIVITY OF CORD BLOOD MONONUCLEAR CELLS
BIRGITTA S. BREUR-VRIESENDORF

2:15  IMMUNOPHENOTYPIC COMPARISONS OF PRETERM AND FULLTERM CORD
BLOOD MONONUCLEAR CELLS (MNC)
TAI JU HWANG

2:25  AN EXPERIENCE OF MISMATCHED CORD BLOOD STEM CELL
TRANSPLANTATION
HEUNG SIK KIM

2:35  UNRELATED HUMAN UMBILICAL CORD BLOOD TRANSPLANTATION (HUCBT)
FOR X-LINKED ADRENOLEUKODYSTROPHY (ALD)
ARNON NAGLER

2:45  RETROVIRALLY TRANSDUCED HUMAN CORD BLOOD HEMATOPOIETIC STEM
CELLS GENERATE T CELLS IN VITRO EXPRESSING HIGH LEVELS OF THE
MARKER GENE GREEN FLUORESCENT PROTEIN
BART VANDEKERCKHOVE

2:55  TREATMENT OF GENETIC DISEASE WITH HEMATOPOIETIC STEM CELLS
ISOLATED FROM CORD BLOOD: DISEASE FREQUENCIES AND ANTICIPATED
UTILIZATIONS
R. NATHAN SLOTNICK, MD

3:05  IMMEDIATE EFFECTS OF DMSO ON CD34 CELL ANTIGEN DEMONSTRATION
AND PROPIDIOUM IODINE UPTAKE
MALCOM A. GREEN

3:15  QUESTION AND ANSWER SESSION

3:45  REFRESHMENTS
(MEETING TERRACE)

PLENARY SESSION II (CONT.)

4:15  IMMUNE FUNCTIONS OF CORD BLOOD CELLS
MARI GRAZIA RONCAROLO, MD

4:45  HEMATOLOGICAL AND IMMUNE RECOVERY AFTER CORD BLOOD
TRANSPLANTATION
FRANCO LOCATELLI, MD

5:15  CORD BLOOD STEM CELL SOCIETY MEETING

6:00  ADJOURN
TUESDAY, SEPTEMBER 9

AM
7:30 - 8:30  BUFFET BREAKFAST
    (Lord Byron Restaurant)

8:30  Registration/Check-in
    (Sala Simpson)

PLENARY SESSION III

CLINICAL RESULTS OF CORD BLOOD TRANSPLANTATION
    Moderator - John E. Wagner, MD
    (Sala Simpson)

9:00  Overview with Results with Unrelated Cord Blood Transplants
    John E. Wagner, MD

9:30  Umbilical Cord Transplantation From Related and Unrelated Donors: One Center's Experience
    Juan J. Ortega, MD

10:00  REFRESHMENTS
    (Meeting Terrace)

10:45  Haematopoietic Stem Cell Transplantation Using Cord Blood From Multiple Donors: An Appraisal
    Chester Andrzejewski, MD, PhD

    Francesco Bertolini, MD, PhD

11:45  Panel Discussion

12:15  ADJOURN
CONGRESS DIRECTORS
Curtis L. Cetrulo, MD · Professor of Obstetrics and Gynecology, Tufts University
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Girolamo Sirchia, MD · Director, Centro Trasfusionale e di Immunologia dei Trapianti,
Ospedale Policlinico, Milano, Italy

John E. Wagner, MD · Associate Professor of Pediatrics and Associate Director,
Pediatric Bone Marrow Transplantation Program, University of Minnesota Medical
School, Minneapolis, MN
Leading clinicians and researchers involved in the banking and clinical use of stem cells will present the latest information on:

- Collection
- Processing
- Cryopreservation
- Biology and Immunology
- Clinical Results of Cord Blood Transplantation
Friday, May 3

4pm-7am  Early Registration (Tufts)
7pm-8:30pm  Welcome Reception (Double Tree Hotel)

Saturday, May 4

8am-9am  Continental Breakfast and Registration (Tufts)
9:00  Introduction

9:15  Issues in Cord Blood Banking
Karen Ballen, MD, Director, Bone Marrow Transplant Program
University of Massachusetts Memorial Healthcare Program, Worcester, MA
Medical Director, American Red Cross Cord Blood Program, New England Region

10:00  Cord Blood Donor Screening: Impact of Exclusion Criteria for Transplantation Therapy
John K. Fraser, Ph.D., Associate Professor, Department of Hematology/Oncology
UCLA School of Medicine, Los Angeles, CA

10:45  Break

11:15  Ethical and Policy Challenges in Cord Blood Banking
Dorothy E. Vawter, Ph.D., Associate Director
Minnesota Center for Health Care Ethics, Minneapolis, MN

12:00  Panel Discussion

12:30pm  Lunch (Tufts)

1:30  Unrelated Cord Blood Transplant in Japan: Tokyo Bank’s Update
Hideo Mogishima, MD, Professor, Department of Cell Regeneration and Transplantation
Nihon University School of Medicine, Tokyo, Japan

2:15  Umbilical Cord Blood Transplantation in Adults
Juliet Barker, MD, Assistant Professor, Department of Medicine
University of Minnesota, Minneapolis, MN

3:00  Break

3:30  Bone Marrow Stem Cells and Regenerate Myocardial Tissue after Ischemic Injury
Donald Orlic, Ph.D., Associate Investigator, NHGRI/NIH, Hematopoiesis Section
Genetics and Molecular Biology Branch, Bethesda, MD

4:15  Cord Blood Stem Cells and their Utility in the Treatment or Amelioration of Genetic Disease: Clinical Indications and Experience
R. Nathan Sotnek, MD, Ph.D., Director, Reproductive Genetics, Division of Maternal-Fetal Medicine, Department of OBGYN
Eastern Virginia Medical School, Norfolk, VA

5:00  Panel Discussion

5:30  International Cord Blood Society Meeting
Sunday, May 5

8:00   Continental Breakfast

9:00   An Update on Umbilical Cord Blood Transplantation
   Joanne Kurtzburg, MD, Professor of Pediatrics, Duke University Medical Center, Durham, NC
   Director, Pediatric Stem Cell and Bone Marrow Transplant Program
   Director, Carolina's Cord Blood Bank

9:45   Umbilical Cord Blood Transplantations: Overview and New Directions
   John E. Wagner, MD, Professor of Pediatrics, Scientific Director of Clinical Research,
   Blood and Marrow Transplant, University of Minnesota, Minneapolis, MN

10:30  Break

11:00  Mesenchymal Stem Cell Based Umbilical Cord Blood Ex Vivo Expansion
   Mary Laughead, MD, Director, Allogeneic Transplant Program
   Case Western Reserve University, Cleveland, OH

11:45  Abstract

12:15  Panel Discussion

1:00   Adjourn
Jointly Sponsored by

Tufts University
School of Medicine

ICBS
International
Cord Blood Society

6th International
Cord Blood Society Congress

October 1-3, 2004

Jaharis Family Center for
Biomedical and Nutrition Sciences
150 Harrison Avenue
Boston, MA 02111
TARGET AUDIENCE
Clinicians, researchers and managers involved in obstetrics, blood banking, bone marrow transplantation and other related specialties

PROGRAM GOAL
Increase awareness of liability issues that should be considered by all health care professionals

EDUCATIONAL OBJECTIVES
- To explore the concept of plasticity inherent with UCB stem cells
- To recognize the significance and feasibility of stem cell expansion in vitro
- To gain an awareness regarding future treatment and novel interventions with stem cells
- To become familiar with various protocols for UCB stem cell processing/cryopreservation and cell separation

ACCREDITATION
This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Tufts University School of Medicine (TUSM) and the International Cord Blood Society. TUSM is accredited by the ACCME to provide continuing medical education for physicians and takes responsibility for the content, quality, and scientific integrity of this CME activity.

TUSM designates this educational activity for a maximum of 11 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

ADA/OEO
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and Biochemistry
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Clinical Pharmacologist
Massachusetts Drug Formulary Commission
Boston, MA

Frances Verter, PhD
Brookville, MD

Mark L. Weiss, PhD
Professor of Neuroscience
Kansas State University
Manhattan, KS

PROGRAM
Friday, October 1, 2004
4:30 PM-6:30 PM Early Registration and Poster Set-Up
7:00 PM-9:00 PM Reception at DoubleTree Hotel
821 Washington Street, Boston

Saturday, October 2, 2004
7:30 AM-8 AM Registration
8 AM-8:15 AM Welcome and Introduction
8:15 AM-8:45 AM Umbilical Cord Blood Stem Cell Collection: An Obstetrician’s Perspective
Curtis L. Cetrulo, MD
Jordan H. Perlow, MD
8:45 AM-9:15 AM Obstetrical Factors Affecting Cord Blood Collection
Johannes Jones, MD
9:15 AM-9:45 AM Statistics of Autologous Stem Cell Storage and Use
Frances Verter, PhD
9:45 AM-10:15 AM Break
10:15 AM-11 AM Family Cord Blood Banking: Results from 30 Transplants
David T. Harris, PhD
11 AM-11:45 AM A General Approach to Expansion of Adult Stem Cells
James Sherley, MD, PhD
11:45 AM-12:15 PM Panel Discussion/Questions and Answers
12:15 PM-1:30 PM Lunch
1:30 PM-2:15 PM Cord Blood Transplantation Corrects Non-Hematopoetic Manifestations of Genetic Diseases
Joanne Krentzberg, MD
2:15 PM-3:00 PM Umbilical Cord Blood Transplantation in Adults
Juliet Barker, MBBS [Hons]
3:00 PM-3:30 PM Break
3:30 PM-4:15 PM Stem Cell Physiology/ The Role of Mast Cells
Theoharis C. Theoharides, MD, PhD
4:15 PM-5:00 PM Panel Discussion/Questions and Answers
PROGRAM

Sunday, October 3, 2004

8:00 AM-8:45 AM  Umbilical Cord as a Source of Cardiovascular Tissue Engineering
                  Christian Breymann, MD

8:45 AM-9:30 AM  Quality Improvement Perspectives in Stem Cell Processing
                  Chester Andrejewski, MD, PhD

9:30 AM-10:15 AM Realizing the Potential of Umbilical Cord Blood Stem Cells
                  David Muzskleitch, PhD

10:15 AM-10:30 AM Break

                  Hideo Mugishim, MD, PhD

11:00 AM-11:30 AM The Role of the Obstetrician in Cord Blood Banking:
                  The Brazilian Experience
                  Adriana Orcesi Pedra, MD, PhD
                  The Venezuelan Experience
                  Juan Alberto Rivera, MD

11:30 AM-12:00 PM Extra-embryonic Stem Cells from Umbilical Cord Matrix
                  Kathy E. Mitchell, PhD

12:00 PM-12:30 PM Characteristics of Umbilical Cord Matrix Stem Cells
                  Mark L. Weiss, PhD

12:30 PM-1:00 PM  Panel Discussions/ Questions and Answers

1:00 PM  Adjourn

REFUND POLICY

In case of cancellation, an administrative charge of $35.00 will be deducted from the fee. A refund request must be submitted in writing and received by the Office of Continuing Education no later than September 15, 2004. No refunds will be made thereafter.

GENERAL INFORMATION

Abstract Deadline: Postmarked on or before August 16, 2004

The abstract submission form and instructions can be found at: www.tufts.edu/med/cmef/cordblood.htm

A block of rooms has been reserved under Tufts University School of Medicine at DoubleTree Hotel in Boston. Please call 617-936-7900 to reserve your room.

Location and Directions:
Jabarish Family Center for Biomedical and Nutrition Sciences
Tufts University School of Medicine
150 Harrison Ave., Boston, MA 02111
Phone: (617) 636-7000

By Car
From the North:
From the Central Artery (I-93), entering the tunnel off the Leonard Zakim/Bunker Hill Monument Bridge, move to the left lane and take the "Surface Road" exit (#22). Note this is a left-hand exit and an exit-only lane. Go straight at the light at the end of the exit ramp, and carefully move across to the right-hand lanes. Proceed through one more light and as you approach the third stop-light get into the right-most lane. Turn right onto Kneeland Street. Go straight on Kneeland Street for several blocks, then turn left on Tremont Street. The Tufts-NEMC garage is on your left just past the Wang Center.

From the South:
From I-93 take Exit 20 ("Rte. 90 (symbol)/ Logan Airport/ Worcester/ South Station") and immediately get into the left-hand lane. The overhead sign will read: Detour South Station via Frontage Road. Take this left exit off the ramp and follow the signs to Downtown, then take the ramp marked "South Station/ Downtown."
Stay left and follow the arrows toward "Chinatown." This will bring you to Kneeland Street. Go straight on Kneeland Street for several blocks and turn left on Tremont Street. The Tufts-NEMC garage is on your left just past the Wang Center.

From the West:
Take the "South Station" exit (#24-A) from the Massachusetts Turnpike (I-90). Turn left on Kneeland Street and left again on Tremont Street. The Tufts-NEMC garage is on your left.

By Public Transportation
The "Tufts-New England Medical Center" Orange Line stop is located across from the main hospital entrance on Washington Street. Other nearby MBTA stops are "Downtown Crossing" (Red Line, Orange Line) and "Boynton" (Green Line).

We are also convenient to bus lines 3, 11, 43, 55 and the Silver Line.

For Additional Information:
TUSM, Office of Continuing Education
136 Harrison Ave., Boston, MA 02111
Phone: (617) 636-6579 Fax: (617) 636-0314