

ISCT Miami 2008 Program

Registration Hours:

Friday, May 16th • 3:00 pm – 7:00 pm

Saturday, May 17th • 6:45 am – 7:00 pm

Sunday, May 18th • 6:45 am – 7:00 pm

Monday, May 19th • 6:45 am – 7:00 pm

Tuesday, May 20th • 6:45 am – 5:00 pm



FRIDAY, MAY 16

3:00pm – 7:00pm

Registration Riverfront Lobby Central

SATURDAY, MAY 17

6:45am – 7:00pm

Registration Riverfront Lobby Central

7:30am – 12:00pm

Flow Cytometry Workshop (Additional Registration Fee Required) Orchid BCD

The content of this workshop is *not* CME accredited

Chair: Krishna Komanduri, MD, Associate Professor of Medicine, Dept. of Stem Cell Transplantation and Cellular Therapy, University of Texas M.D. Anderson Cancer Center

7:30am – 8:00am Continental Breakfast

8:05am – 8:10am Introduction and Brief Overview.
Krishna Komanduri, MD

8:10am – 8:40am Using flow cytometry to characterize immune reconstitution in clinical stem cell transplantation recipients.
Krishna Komanduri, MD

8:40am – 9:10 am The functional analysis of NK cells after cord blood transplantation.
Mike Verneris, M.D, Assistant Professor of Pediatrics, Division of Hematology-Oncology and Blood and Marrow Transplantation, University of Minnesota Medical School

9:10am – 9:25am Coffee Break

9:25am – 9:55am Avidity grading of antigen-specific CD8+ T cell populations with coreceptor-mutated pMHCI tetramers.
Professor David A Price, MD PhD, Cardiff University Medical School, Cardiff, UK

9:55am – 10:25am Polyfunctional analysis of perforin producing human CD8 T cells
Michael R. Betts, PhD, Assistant Professor, Department of Microbiology, University of Pennsylvania

10:25am – 10:40am Coffee Break

10:40am – 11:10am Flow cytometric characterization of therapeutic dendritic cells.
Dr. Michel Gilliet, Assistant Professor of Immunology, M.D. Anderson Cancer Center

11:10am – 11:40am Flow cytometric analysis of mesenchymal cells
Ian K. McNiece, PhD, Professor, Director Experimental and Clinical Therapies, Stem Cell Institute, University of Miami

11:40am – 11:55am Panel discussion/Q&A (**All speakers**)

11:55am – 12:00pm Acknowledgments/closing remarks (**Krishna Komanduri, MD**)

8:00am – 5:00pm

FACT Inspection & Accreditation Training Workshop (Pre-Registration required through FACT) Visit: www.factwebsite.org
Miami Lecture Hall – 3rd Floor

7:30pm – 9:30pm

WELCOME RECEPTION Riverfront Hall

8:00pm – 10:00pm

Advisory Board Meeting Orchid BCD

SUNDAY, MAY 18

6:45am – 7:00pm	Registration Riverfront Lobby Central				
7:30am – 8:30am	Technical Breakfast 1 Orchid BCD A road to a cure: challenges in the manufacturing of allogeneic islet cells Chair & Speaker: Elina Linetsky, M.Sc., MT, University of Miami Speakers: Joel Szust, DVM, CPTC, CTOP, University of Miami Aisha Khan, MS, MBA, University of Miami	Technical Breakfast 2 Jasmine MRD as a Clinical Surrogate and Integration into Clinical Trials Chair: Robert Sutherland, MSc, University of Toronto Speaker: Gerrit Schuurhuis, PhD, Vrije Universiteit James Reuben, MD, MD Anderson Cancer Center	Technical Breakfast 3 Hibiscus Incorporation of ISBT 128 into Cell Therapy Laboratory Systems Chair: Fran Rabe, University of Minnesota Speakers: Stella Larsson, MD, Karolinska University Hospital Linda Sledge, RN, Duke University Medical Center	Technical Breakfast 4 Riverfront Hall - South Environmental Monitoring – Practical Approaches Chair: Lizette Caballero, BSc, MT, Florida Hospital Cancer Institute Speakers: Federico Rodriguez, MT (ASCP) SBB, Blood Systems Laboratories Doris Herrmann, PhD, GMP Unlimited	Technical Breakfast 5 Gardenia Cord Blood Transplantation and Graft Engineering Chair & Speakers: Elizabeth Shpall, MD, MD Anderson Cancer Center Joanne Kurtzberg, MD, Duke University Medical Center Speaker: Colleen Delaney, MD, MSc, Fred Hutchinson Cancer Research Center
	9:00am – 6:00pm	Exhibits Riverfront Hall			
8:45am – 9:00am	Welcome and Opening Remarks Donna E. Shalala, President, University of Miami Regency Ballroom				
9:00am – 10:30am	PLENARY SESSION 1 – DIABETES Regency Ballroom Chair: Camillo Ricordi, MD, Director Diabetes Research Institute, University of Miami Speakers: Overview: Camillo Ricordi, MD, Director Diabetes Research Institute, University of Miami Developments in Clinical Trials: José Oberholzer, MD, Director, Cell Transplantation, University of Illinois at Chicago Cutting Edge Research and Future Directions: Olle Korsgren, MD, PhD, Professor of Cell Transplantation, Rudbeck Laboratory, Uppsala University Hospital				
10:30am – 10:45am	Coffee Break Riverfront Hall				
10:45am – 12:15pm	Oral Abstract Presentations 1 Jasmine Hematopoietic Stem Cells 1		Oral Abstract Presentations 2 Hibiscus Immunotherapy & Dendritic Cells		
12:15pm – 1:30pm	Box Lunch Riverfront Hall				
1:30pm – 3:00pm	PLENARY SESSION 2 – CARDIOLOGY Regency Ballroom Chair: Joshua Hare, MD, Chief of Cardiology, Director Stem Cell Institute, University of Miami Speakers: Overview: Joshua Hare, MD, Chief of Cardiology, Director Stem Cell Institute, University of Miami Developments in Clinical Trials: Stefan Janssens, MD, PhD, Principal Investigator, Center for Transgene Technology and Gene Therapy, Katholieke Universiteit Leuven Cutting Edge Research and Future Directions: Annarosa Leri, MD, New York Medical College				
3:00pm – 3:30pm	Coffee Break Riverfront Hall				
3:30pm – 5:00pm	Workshop 1 Jasmine Financing for Cell Therapy Companies Chairs: Lee Buckler, BEd, LLB, Progenitor Cell Therapy, LLC Dawn Driscoll, MBA PhD, Driscoll Consulting Speaker: Leonide Saad, Proteus Venture Partners Eric Faulkner, RTI Health Solutions Robert Deans, PhD, Athersys Inc. Frederic Hammel, MSc, TxCell SA	Workshop 2 Orchid BCD How to Integrate Biomarkers into Clinical Development Programs; What are the Regulations and Implications for Therapeutic Applications Chair & Speaker: Panteli Theocharous, BSc, MSc, PhD, J&J Pharmaceutical R&D Speakers: Uma Prabhakar, PhD, Centocor, Inc. Bettina Heidecker, MD, University of Miami	Workshop 3 Hibiscus Risk Management 1: Overview of Risk Management Strategies in Cellular Therapy Chair: Victoria Lake, RAC, Fred Hutchinson Cancer Research Center Speakers: Asiya Imam, PhD, CQA, BD Biosciences Karen Nichols, ESQ, RAC, ViaCell, Inc. Donna R. Rill, BS, MT (ASCP), Opexa Therapeutics	Workshop 4 Riverfront Hall - South Infectious and Tumor-Specific Cellular Therapy Chair: Elizabeth Shpall, MD, MD Anderson Cancer Center Chair & Speaker: Krishna Komanduri, MD, MD Anderson Cancer Center Speakers: Catherine Bollard, MD, Baylor College of Medicine Laurence Cooper, MD, MD Anderson Cancer Center	Workshop 5 Gardenia Mesenchymal Stromal Cells: Universal Donor for Cell Therapy? Chair: Jacques Galipeau, MD FRCP, Lady Davis Institute for Medicine Research Speakers: Pranela Rameshwar, PhD, New Jersey Medical Donald G. Phinney, PhD, Tulane University
	5:00pm – 6:00pm	Poster Session 1 Riverfront Hall			
7:30pm – 10:00pm	Commitee Meetings				

MONDAY, MAY 19

6:45am – 7:00pm	Registration Riverfront Lobby Central				
7:30am – 8:30am	Technical Breakfast 6 Jasmine Practical Qualification and Validation Chair: Michelle Sugrue, MS, MT (ASCP)SBB, University of Florida Shands Cancer Center Speakers: Lizabeth Cardwell, MT(ASCP), MBA Karen Snow, BS, (ASCP)BB, CLS(NCA)I, Massachusetts General Hospital	Technical Breakfast 7 Hibiscus Review of the New EU/ EMEA Cell and Tissue Regulations Chairs: Ineke Slaper-Cortenbach, PhD, University Medical Center Utrecht Panteli Theocharous, BSc, MSc, PhD, Johnson & Johnson Pharmaceutical R&D Speaker: Paul Williamson, MD, J&J, The Stem Cell Internal Venture, Giovanni Migliaccio, Istituto Superiore di Sanità	Technical Breakfast 8 Orchid BCD Emerging Techniques for Measuring Epigenetic Change and Cytogenetic Stability in Adherent Adult Stem Cells Chair: Robert Deans, PhD, Athersys, Inc. Speakers: Uma Lakshmiopathy, PhD, Invitrogen Ulrich Hoffmueller, PhD, MBA, Epiontis GmbH	Technical Breakfast 9 Riverfront Hall - South Epitope Identification and Mapping Chair: Ann Leen, PhD, Baylor College of Medicine Speaker: Sabrina Mogle, ProImmune Inc.	Workshop 6 (7:30 am – 9:00 am) Gardenia Gene Transfer into Immune Effectors Chairs & Speakers: Allan Dietz, PhD, Mayo Clinic Catherine Bollard, MD, Baylor College of Medicine Speaker: Lisa Butterfield, PhD, University of Pittsburgh School of Medicine
	9.00am – 6:00pm Exhibits Riverfront Hall				
9:00am – 10:30am	PLENARY SESSION 3 - CANCER Regency Ballroom Chair: Eli Gilboa, PhD, Head Immunobiology and Immunotherapy Program, University of Miami Speakers: Overview: Stanley Riddell, MD, Member, Program in Immunology, Fred Hutchinson Cancer Research Center Developments in Clinical Trials: Carl June, MD, Director, Translational Research, University of Pennsylvania, Abramson Cancer Center Cutting Edge Research and Future Directions: Luca Gattinoni, Research Fellow, National Cancer Institute				
10:30am – 11:00am	Coffee Break Riverfront Hall				
11:00am – 12:30pm	Oral Abstract Presentations 3 Jasmine Mesenchymal & Tissue Stem Cells 1		Oral Abstract Presentations 4 Hibiscus Commercialization, Legal & Regulatory Affairs & Lab Practices		
12:30pm – 1:30pm	Box Lunch Riverfront Hall			ISCT AGM Regency Ballroom	
1:30pm – 3:00pm	PLENARY SESSION 4 – IMMUNOTHERAPY Regency Ballroom Chair: Eckhard Podack, MD, Chair of Microbiology and Immunology, University of Miami Speakers: Overview: Tom Malek, PhD, Professor and Vice Chair of Immunology and Microbiology, University of Miami Developments in Clinical Trials: Robert Levy, PhD, Professor of Microbiology / Immunology and Medicine, University of Miami, School of Medicine Cutting Edge Research and Future Directions: Ana Izcue, PhD, Powrie Group, CIU, Sir William Dunn School of Pathology, University of Oxford				
3:00pm – 3:30pm	Coffee Break Riverfront Hall				
3:30pm – 5:00pm	Workshop 7 Jasmine Use of Hematopoietic Stem Cells for Induction of Tolerance Chair: John Jackson, PhD, University of Nebraska Medical Center Speaker: Camillo Ricordi, MD, University of Miami William Beschorner, MD, Ximerex, Inc.	Workshop 8 Orchid BCD Cell Therapy Bench-to-Bedside – Early Stage Set Up From Pre-Clinical to Phase I Chair: David McKenna, MD, University of Minnesota Medical Center Speaker: Janice Davis-Sproul, MAS, MT(ASCP), Johns Hopkins Medical Institutions Stewart Craig, PhD, Progenitor Cell Therapy, LLP	Workshop 9 Hibiscus How to Select And Manage Contractors and Vendors Chair: Joyce Frey-Vasconcells, PhD, Pharmanet Consulting Speakers: Robert Preti, PhD, Progenitor Cell Therapy, LLC Robert Perry, MSc, Athersys, Inc. Harry E. Carmitchel, Osiris Therapeutics	Workshop 10 Riverfront Hall - South Gene Therapy Chair & Speaker: Bruce Levine, PhD, Director, University of Pennsylvania Speakers: Jeffrey Medin ,PhD, Ontario Cancer Institute Frederic Bushman, PhD, University of Pennsylvania	Workshop 11 Gardenia Species Specific Differences in MSCs: How Do You Do Preclinical Studies? Chair: Edwin Horwitz, MD, PhD, Children's Hospital of Philadelphia
	5:00pm – 6:00pm Poster Session 2 Riverfront Hall				
6:30pm – 7:30pm	EXECUTIVE COMMITTEE & SPONSOR RECEPTION Riverwalk Outdoor Terrace				
7:30pm	GALA DINNER Regency Ballroom				

TUESDAY, MAY 20

6:45am – 5 :00pm	Registration Riverfront Lobby Central				
7:30am – 8:30am	Technical Breakfast 10 Jasmine Banking Cord Blood: How to Maintain Quality from Deposit through Withdrawal Chairs & Speakers: Liana Harvath, PhD, Biologics Consulting Group, Inc. Ellen Areman, MS, SBB (ASCP), Biologics Consulting Group, Inc.	Technical Breakfast 11 Hibiscus Immunological Evaluation of Patients Before and After Allogeneic Stem Cell Transplantation Chair: Paul Moss, University Hospital Birmingham NHS Trust	Technical Breakfast 12 Orchid BCD How to Start an MSC Research Program Chair & Speaker: Armand Keating, MD, FRCP(C), Princess Margaret Hospital	Technical Breakfast 13 Riverfront Hall - South Perspectives on Leveraging the Accreditation Process to Prepare Your Facility for Regulatory Inspections Chair: Darin Weber, PhD, Biologics Consulting Group, Inc. Speakers: Nancy Collins, PhD, University of Toledo Mary Beth Fisk, MT, CTBS, CQA, South Texas Blood & Tissue Center Aisha Khan, MS, MBA, University of Miami	
	8:30am – 1:30pm Exhibits Riverfront Hall				
8:30am – 10:00am	PLENARY SESSION 5 - NEURAL DISEASES Regency Ballroom Chair: W. Dalton Dietrich, III, PhD, Scientific Director of the Miami Project, University of Miami Speakers: Overview: W. Dalton Dietrich, III, PhD, Scientific Director of the Miami Project, University of Miami Developments in Clinical Trials: Gary Steinberg, MD, PhD, Chairman, Department of Neurosurgery, Stanford University School of Medicine Cutting Edge Research and Future Directions: Clive Svendsen, PhD, Professor, Anatomy and Neurology, University of Wisconsin-Madison				
10:00am – 10:30am	Coffee Break Riverfront Hall				
10:30am – 12:00pm	Oral Abstract Presentations 5 Jasmine Mesenchymal & Tissue Stem Cells 2 & Cell and Tissue Evaluation			Oral Abstract Presentations 6 Hibiscus Hematopoietic Stem Cells 2 & Gene Therapy	
12:00pm – 1:00pm	Box Lunch Riverfront Hall				
1:00pm – 2:30pm	Workshop 12 Jasmine In vivo Pharmacology and Toxicology for Cell Therapy Chair: Lily Li, Therakos Speakers: David Pepperl, PhD, Biologics Consulting Group, Inc. Carl June, MD, University of Pennsylvania Joseph Frank, MD, National Institutes of Health	Workshop 13 Orchid BCD Immune Status in Cancer: Towards Immune Reconstitution Chair & Speaker: Stanimir Vuk-Pavlovic, PhD, Mayo Clinic College of Medicine Speakers: Roshini Abraham, Ph.D., D(ABMLI), Mayo Clinic Svetomir Markovic, MD, PhD, Mayo Clinic	Workshop 14 Hibiscus Stem Cell Aging Chair: John Jackson, PhD, University of Nebraska Medical Center Speakers: Barbara O'Kane, PhD, University of Nebraska Bonnie Blomberg, PhD, University of Miami	Workshop 15 Riverfront Hall - South Rapid Generation of Antigen Specific T Cells Chair: Paul Moss, University Hospital Birmingham NHS Trust Speaker: Dirk Busch, MD, Technical University of Munich, Germany Jeffrey S. Miller, MD, University of Minnesota Cancer Center Tobias Feuchtinger, MD, University Children's Hospital, Tuebingen, Germany	Workshop 16 Gardenia Risk Management 2: Application to Cell Therapy Manufacturing Chair & Speaker: Lynn O'Donnell, PhD, OSU James Cancer Hospital & Research Institute Speakers: Olive Sturtevant, MT, SBB, SLS, MHP, Dana-Farber Cancer Institute William Janssen, PhD, Moffitt Cancer Center
	2:30pm – 4:00pm PRESIDENTIAL PLENARY SESSION Regency Ballroom Chair: Shelly Heimfeld, PhD, ISCT President, Associate Member, Director of Cellular Therapy and Cell Processing Facilities, Fred Hutchinson Cancer Research Center Speakers: Frederick Applebaum, MD, Director, Clinical Research Division Member, Fred Hutchinson Cancer Research Center Pascal Goldschmidt, MD, Senior Vice President for Medical Affairs and dean, Miller School of Medicine, University of Miami				

WEDNESDAY, MAY 21 (ADDITIONAL FEE REQUIRED)

ISCT 2008 Post-Conference Session – Global Regulatory Perspectives Hibiscus
The content of this workshop is not CME accredited

8:00am – 8:30am	Registration
8:30am – 8:45am	Opening Remarks Scott Burger, MD, Advanced Cell & Gene Therapy – USA
8:45am – 10:15am	Session I: Emerging Regulatory Environments Chair: Kurt C. Gunter, MD, Medical Director, Cellular Therapy, Hospira Inc – USA Speakers: Dr. Mickey Koh: Vice Director of Center for Transfusion Medicine, Health Science Authority, Singapore • Dr. Der-Yuan Wang, Chief, Section of Blood Products & In Vitro Diagnostics, Bureau of Food and Drug Analysis, Taiwan • Dr. Yuji Heike, National Cancer Center, Tokyo, Japan
10:15am – 10:30am	Coffee Break
10:30am – 12:00pm	Session II: Preclinical Development of Regenerative Therapies Chair: Dominic Wall, PhD, Peter MacCallum Cancer Centre - Australia Speakers: Mercedes Serabian, OCTGT/DCEPT FDA/CBER • Professor Ming Hao Zheng, PhD, DM, FRCPath, Director, Centre for Orthopaedic Research, Perth Australia • Dr Ralf Sanzenbacher, Paul-Ehrlich-Institut, Federal Agency for Sera and Vaccines, Germany
12:00pm – 12:30pm	Lunch
12:30pm – 2:00pm	Session III: Novel Advanced Cell Therapies Chair: Scott Burger MD, Advanced Cell & Gene Therapy – USA Speakers: Dr. Kimberly Benton, OCTGT/DCGT FDA/CBER • Dr. Christoph Gaissmaier, Author: Guidelines from the German Society of Surgery (Deutsche Gesellschaft für Chirurgie) on Good Professional Practice (GPP) for the Procurement of Human Tissue and Cells for Drug Production. • Dr. Giovanni Migliaccio, Head, Section of Gene and Cell Therapy, Dept. of Cell Biology and Neuroscience, Istituto Superiore di Sanità, Rome, Italy)
2:00pm – 2:15pm	Coffee Break
2:15pm – 3:45pm	Session IV: Import/Export Considerations Chair: Ineke Slaper-Cortenbach, PhD, University Medical Center Utrecht – The Netherlands Speakers: Thomas Brégeon, DG SANCO, Brussels • Dr. Peta O’Connell, Scientific Evaluator-Cell Therapies, Blood and Tissues Unit, Office of Devices, Blood and Tissues, TGA, Australia
3:45pm – 4:00pm	Closing Remarks

Plenary, Workshop and Technical Breakfast Speakers & Chairs

- Roshini Abraham, PhD, D(AMBLI), Mayo Clinic
- Frederick Applebaum, MD, Fred Hutchinson Cancer Research Center
- Ellen Areman, MS, SBB(ASCP), Biologics Consulting Group, Inc.
- William Beschorner, MD, Ximorex, Inc.
- Bonnie Blomberg, PhD, University of Miami
- Catherine Bollard, MD, Baylor School of Medicine
- Lee Buckler, BEd, LLB, Progenitor Cell Therapy, LLC
- Dirk Busch, MD, Technical University Munich
- Frederic Bushman, PhD, University of Pennsylvania
- Lisa Butterfield, PhD, University of Pittsburgh School of Medicine
- Lizette Caballero, BSMT(ASCP), Florida Hospital Cancer Institute
- Lizabeth Cardwell, MT(ASCP), MBA, RAC
- Harry E. Carmitchel, Osiris Therapeutics
- Nancy Collins, PhD, University of Toledo
- Laurence Cooper, MD, PhD, MD Anderson Cancer Center
- Stewart Craig, PhD, Progenitor Cell Therapy, LLP
- Janice Davis-Sproul, MAS, MT(ASCP)SBB, Johns Hopkins Medical Institutions
- Robert Deans, PhD, Athersys, Inc.
- Colleen Delaney, MD, MSc, Fred Hutchinson Cancer Research Center
- Dalton Dietrich, PhD, University of Miami
- Allan Dietz, PhD, Mayo Clinic
- Dawn Driscoll, MBA, PhD, Driscoll Consulting
- Eric Faulkner, RTI Health Solutions
- Tobias Feuchtinger, MD, University Children’s Hospital, Tuebingen, Germany
- Mary Beth Fisk, MT, CTBS, CQA, South Texas Blood & Tissue Center
- Joseph Frank, MD, National Institutes of Health
- Joyce Frey-Vasconcells, PhD, Pharmanet Consulting
- Jacques Galipeau, MD, Lady Davis Institute for Medical Research
- Luca Gattinoni, MD, National Cancer Institute
- Eli Gilboa, PhD, University of Miami
- Pascal Goldschmidt, MD, University of Miami
- Frederic Hammel, MSc, TxCell SA
- Joshua Hare, MD, University of Miami
- Liana Harvath, PhD, Biologics Consulting Group, Inc.
- Bettina Heidecker, MD, University of Miami