

Manufacturing Cellular Therapies: Challenges, Solutions and Creating Synergy for Success

Workshop explores perspectives from across the cellular therapy industry

Join [AABB®](#) and [Be The Match BioTherapies®](#) in San Antonio this fall for an interactive workshop and collaborative learning opportunity that will unpack real-world scenarios highlighting the challenges of implementing cellular therapies across various settings and business models.

The workshop will explore the perspectives of hospitals, blood centers and small startup companies with both centralized and decentralized manufacturing models. Join us for an afternoon of collaborative learning and deep discussion with world-renowned faculty.

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Friday, October 18, 2019

12:00 pm – 5:30 pm

Grand Hyatt San Antonio,

Texas Ballroom AB

San Antonio, Texas

[Register Now](#)

Workshop Agenda

<p>12:00 pm– 1:00 pm</p>	<p>Opening Session: Manufacturing Challenges in Implementing Cellular Therapy Services</p> <p>This fireside chat will address the challenges and hurdles inherent to working in the cell and gene therapy industry. Participants will discuss successes, setbacks, and lessons learned as a result of sustained industry experience.</p> <p>Moderators: Magali Fontaine, MD, PhD <i>Professor, Department of Pathology and Medicine</i> University of Maryland School of Medicine <i>Chair, Workshop Planning Committee</i></p> <p>Amy Hines, RN, BSN <i>Director, Collection Experience</i> National Marrow Donor Program®/Be The Match®</p> <p>Panelists: Joseph McGuirk, DO <i>Professor, Hematology-Oncology</i> <i>Division Director, Hematologic Malignancies and Cellular Therapeutics</i> <i>Medical Director, Blood and Marrow Transplant</i> The University of Kansas Medical Center</p> <p>Robert Tressler, PhD, MS <i>Vice President, Laboratories</i> San Diego Blood Bank</p> <p>John McMannis, PhD <i>Executive Vice President, Manufacturing</i> Mesoblast, Inc.</p>
<p>1:00 pm– 2:00 pm</p>	<p>Lunch</p>
<p>2:00 pm– 2:45 pm</p>	<p>Plenary Session: Inroads to Response and Resistance in CAR-T Cell Therapy</p> <p>Moderator: Mark Flower <i>Senior Director, Sales and New Business Development</i> Be The Match BioTherapies®</p>

	<p>Speakers: Joseph Fraietta, PhD <i>Director, Solid Tumor Immunotherapy Laboratory</i> Center for Advanced Cellular Therapeutics, University of Pennsylvania</p>
<p>2:45 pm– 3:15 pm</p>	<p>Mechanisms of Tumor Escape from CAR-T Cell Therapy: Challenges and Solutions</p> <p>Moderator: Mark Flower <i>Senior Director, Sales and New Business Development</i> Be The Match BioTherapies®</p> <p>Speakers: Mohamad Hamieh, PhD <i>Research Associate</i> Dr. Michel Sadelain Lab Center for Cell Engineering, Memorial Sloan Kettering Cancer Center</p>
<p>3:15 pm– 3:45 pm</p>	<p>The Therapeutic Use of Extracellular Vesicles by MSC: Improving Right Ventricular Function and Pulmonary Fibrosis With MSC Derived Exosomes</p> <p>Luis A Ortiz, MD <i>Professor, Department of Environmental and Occupational Medicine Graduate School of Public Health and Professor, Department of Medicine</i> University of Pittsburgh</p>
<p>3:45 pm– 4:00 pm</p>	<p>Break</p>
<p>4:00 pm– 5:30 pm</p>	<p>Breakout Sessions</p> <p>Breakout Session A: New Cells on the Block This deep-dive session will highlight the latest scientific advancements in cellular-derived therapeutics, including exosomes, microparticles and emerging devices for delivery.</p> <p>Moderator: Magali Fontaine, MD, PhD <i>Professor, Department of Pathology and Medicine</i> University of Maryland School of Medicine</p> <p>Speakers:</p>

Patrick Hanley, PhD

Director, Cellular Therapy Laboratory
Children's National Medical Center
Assistant Professor, Pediatrics
George Washington University

Presentation: Optimizing the Manufacture of MSCs and T cells for Phase 1 Clinical Trials

Aisha Khan, PhD, MSc, MBA

Executive Director, Laboratory Operations
Miller School of Medicine, The University of Miami

Presentation: Pre-Clinical and Clinical Cell Manufacturing

Andrew Rhim, MD

Assistant Professor
MD Anderson Cancer Center, The University of Texas

Presentation: The Role of Blood Banks in Personalized Cancer Care

Breakout Session B: Ground-level Synergies for Novel Cell Therapies

This session will cover current strategies for donor selection, consent, and characterization as well as the latest advancements in the processing of source material for autologous and allogenic cell therapies.

Moderator:

Christie Malone, MT (ASCP) SBB

Corporate Account Executive
GenCure Biomanufacturing

Panelists:

John Armitage, MD

Chief Executive Officer and President
Oklahoma Blood Institute

Olive Sturtevant, MT(ASCP)SBB, CQA

Administrative Director
Connell & O'Reilly Families Cell Manipulation Core Facility, Dana Farber Cancer Institute

Timothy Sheehy

Director, Quality and Regulatory Affairs
Versiti Blood Center

	<p>Hanh Kuu, MD <i>Medical officer</i> US FDA Center for Biologics Evaluation and Research (CBER) Office of Tissues and Advanced Therapies</p>
5:30 pm	Program Adjourns
6:00 pm	Cellular Therapies Network Reception