

<b>Monday July 11th - DAY 1 (PM Session only) *Note: 1/2 day Into the Lab Pre-Course Workshops (#1 Decell/Recell; #2 Intro to Translation; #3 Bioprinting 101) from 9am to 12:15 pm</b>			
12:00pm - 1:00 pm	<b>ARRIVAL AND REGISTRATION</b>		
1:00 pm - 1:15 pm	<b>Welcome &amp; Opening Remarks</b>		
Session I:	<b>Pluripotent Stem Cells and their Progenitors</b>	<b>Speaker</b>	<b>Title/Focus area</b>
1:15pm - 2:00pm		Atala, Anthony	<i>Introduction and Background: PAST, PRESENT, FUTURE - The Evolution of Regenerative Medicine</i>
2:00 pm - 2:45 pm		Graca Almeida Porada, MD, PhD (Chair)	<i>Stem Cells, Basic Biology, Therapeutics, and Vehicles for gene delivery</i>
2:45 pm - 3:00 pm	<b>Java Break</b>		
3:00 pm - 3:45 pm		Mahendra Rao, MD, PhD	<i>Stem Cell Companies (Case Studies)</i>
3:45 pm - 4:30 pm		Jan Nolte, PhD	<i>Next-Generation Human MSC Products Moving toward the Clinic (MSC/BDNF, MSC/VEGF products and combination products)</i>
4:30 pm-5:00 pm	<b>Panel and Attendees Discussion &amp; Brief Closing Remarks for Day 1</b>		
5:00 pm - 6:30pm	<b>Opening Reception (Heavy Hors D'oeuvres and Beer/Wine)</b>		
<b>Tuesday, July 12th - DAY 2 (Exhibitors Corridor Opens - July 12th - 14th)</b>			
7:45am - 8:30am	<b>Networking/Continental Breakfast</b>		
Session II:	<b>Biomaterials</b>	<b>Speaker</b>	<b>Title/focus area</b>
8:30 am - 9:15 am		David Williams, PhD (Chair)	<i>Essential Biomaterials Science</i>
9:15 am - 10:00 am		Buddy Ratner, PhD	<i>Synthesis and Characterization of Polymeric Biomaterials: A Platform Technology for Tissue Engineering</i>
10:00 am- 10:15 am	<b>Java Break</b>		
10:15 am-11:00 am		Aleks Skardal, PhD	<i>Hydrogel Biomaterials in Regenerative Medicine and Tissue Engineering Applications</i>
11:00 am-11:45 am		Craig Duvall, PhD	<i>Advanced Therapeutic Biomaterials</i>
11:45 am-12:15 pm	<b>Panel &amp; Attendees Discussion</b>		
12:15 pm - 1:15 pm	<b>Lunch Networking Break</b> <i>Career Perspectives in Academic Regenerative Medicine Lunch Round Table I</i>		
Session III:	<b>Enabling Technologies</b>	<b>Speaker</b>	<b>Title/focus area</b>
1:15 pm - 1:30 pm		Dolores Baldasare, MA and Jeremy Brown, MBA	<b>Presenting Sponsor: International Institute for the Advancement of Medicine (IIAM)</b> <i>Non-transplantable Human Organs for Research through IIAM</i>
1:30 pm - 2:15 pm		Christopher Porada, PhD (Chair)	<i>Overview of ET w/ Gene Therapy Applications for Regenerative Medicine</i>
2:15 pm - 3:00 pm		Frank Marini, PhD	<i>Tracking Stem Cells Anywhere in the Body - A Look at Regenerative Imaging</i>
3:00 pm - 3:15 pm	<b>Java Break</b>		
3:15 pm - 4:00 pm		John Jackson, PhD	<i>Bioprinting 101</i>
4:00 pm - 4:45 pm		KiBum Lee, PhD	<i>Nanotechnology-based Approaches for Regenerative Medicine</i>
4:45 pm - 5:15 pm	<b>Panel &amp; Attendees Discussion</b>		
5:15 pm - 6:00 pm	<b>Kool &amp; Lite Refreshments</b>		
<b>Wednesday, July 13th - DAY 3 (Exhibitors Corridor &amp; Networking Day 2)</b>			
7:45 am - 8:30 am	<b>Networking/Continental Breakfast (sign up for WFIRM tours)</b>		
Session IV:	<b>Cell Therapies</b>	<b>Speaker</b>	<b>Title/focus area</b>
8:30 am - 9:15 am		Sean Murphy, PhD (Chair)	<i>Applications of Perinatal Stem Cells</i>
9:15 am - 10:15 am		Joshua Hare, MD, FACC, FAHA	<i>Cardiovascular Stem Cell Therapy</i>
10:15 am - 10:30 am	<b>Java Break</b>		
10:30 am - 11:30 am		Kacey Marra, PhD	<i>Adipose-derived Stem Cells for Soft Tissue Reconstruction, Cancer, Peripheral Nerve Gaps, etc.</i>
11:30 am - 12:00 pm	<b>Panel &amp; Attendees Discussion</b>		
12:00 pm - 1:00 pm	<b>Lunch Networking Break</b> <i>Career Perspectives in Regenerative Medicine Lunch Session Round Table II (industry, regulatory, etc.)</i>		
Session V:	<b>Tissue Engineered Products &amp; Technologies (TEMPs)</b>	<b>Speaker</b>	<b>Title/focus area</b>
1:00 pm - 1:45 pm		Gail Naughton, PhD, CEO, Histogen	<i>Histogen, Inc. - Multipotent Cell Conditioned Media - Current and near-term Applications (Tentative. Title to be confirmed)</i>
1:45 pm - 2:30 pm		Jon Rowley, PhD, CEO, Rooster Bio	<i>Why (Bio)Manufacturing Matters: How Stem Cell BioProcess Innovations are Laying the Groundwork for a Tissue Engineering Revolution</i>
2:30 pm - 2:45 pm	<b>Java Break</b>		
2:45 pm - 3:30 pm		Keith Murphy, CEO, Organovo	<i>Organovo and exVive3D Human Liver Tissue Product (Tentative. Title to be confirmed)</i>
3:30 pm - 4:00 pm	<b>Panel &amp; Attendees Discussion</b>		
4:30 pm - 5:30 pm	<b>Into the Lab - WFIRM Lab Tours (Shuttle Service or Walk)</b>		

5:00 pm - 6:30 pm	<b>Social Networking - Hors d'Oeuvres, Wine and Beer - WFIRM Patio (weather permitting or 250A&amp;B)</b>		
<b>Thursday, July 14th - DAY 4 (Exhibitors Corridor &amp; Networking Day 3)</b>			
8:00 am - 9:00 am	<b>Networking/Continental Breakfast</b>		
Session VI:	<b>Regulatory, Process Development &amp; Manufacturing</b>	<b>Speaker</b>	<b>Title/focus area</b>
9:00 am - 9:30 am		Julie Allickson, PhD (Chair)	<i>Translational Research from Proof-of Concept to Clinical Trials</i>
9:30 am - 10:15 am		Thinh Nguyen, PhD	<i>Translation of TERM products into clinic in US: FDA Perspectives</i>
10:15 am - 10:30 am	<b>Java Break</b>		
10:30am - 11:15 am		Ian Harris, PhD	<i>Industry Perspectives on Translation and Product Development</i>
11:15 am - 11:45 am	<b>Panel &amp; Attendees Discussion</b>		
11:45 am - 1:00 pm	<b>Lunch Networking Break</b>		
Session VII:	<b>IRB, Clinical Trials &amp; Bioethics</b>	<b>Speaker</b>	<b>Title/focus area</b>
1:00 pm - 1:45 pm		Daniel K. Nelson, PhD, Director Human Research Protocol Office, EPA	<i>IRB 101 (Title to be confirmed)</i>
1:45 pm - 2:30 pm		Rosemarie Hunziker, PhD	<i>Understanding NIH Funding of Regenerative Medicine (WebEx)</i>
2:30 pm - 2:45 pm	<b>Java Break</b>		
2:45 pm - 3:45 pm		Joanne Kurtzberg, MD, PhD	<i>Cord Blood Derived Cell Therapies and Clinical Trials in action for Acquired and Genetic Brain Injuries</i>
3:45 pm - 4:15 pm		Nancy King, PhD	<i>Translational Regenerative Medicine Research: Ethics Overview</i>
4:15 pm - 4:45 pm	<b>Panel &amp; Attendees Discussion</b>		
5:00 pm to 6:45 pm	<b>NC BBQ and Social Networking</b>		
<b>Friday, July 15th - DAY 5</b>			
8:00 am - 8:45 am	<b>Networking/Continental Breakfast</b>		
Session VII: Commercialization		<b>Speaker</b>	<b>Title/focus area</b>
8:45 am - 9:30 am		Julie Watson, JD	<i>IP 101: Securing IP for Regenerative Medicine</i>
9:30 am - 10:15 am		Beth Fordham-Meiers, JD	<i>Opportunities and Risks in Commercializing Novel Regenerative Medicine Technologies</i>
10:15 am - 10:30 am	<b>Java Break</b>		
10:30 am - 11:15 am		Ed Field, Biorestorative Therapies	<i>Getting to Market w/Case Study (Tentative Title)</i>
11:15 am - 12:00 pm		Rick Blume, MBA, Excel Venture Management	<i>Regenerative Medicine as a Shift in Healthcare: How do we see the field moving forward? (Tentative Title)</i>
12:00 pm - 12:30 pm	<b>Concluding Remarks and Distribution of Certificate Awards</b>		
<b>*Note: 1/2 day Into the Lab Post-Course Workshops (#1 Decell/Recell; #2 Intro to Translation; #3 Bioprinting 101) from 1:30 pm to 4:45 pm</b>			