

WFIRM 4th Annual
Regenerative Medicine Essentials:
From the Fundamentals to the Future
June 5-9, 2017

Tentative Times (Subject to change)			
Monday June 5th - 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			
12:00pm - 1:30 pm	ARRIVAL AND REGISTRATION		Van shuttle from WFIRM to course site for individuals attending Pre-Course workshops
1:30 pm - 1:45 pm	Welcome & Opening Remarks		
Session I:	Pluripotent Stem Cells and their Progenitors	Speaker	Tentative Title/Focus Area
1:45pm - 2:30pm		Anthony Atala, MD	<i>Introduction and Background: PAST, PRESENT, FUTURE - The Evolution of Regenerative Medicine</i>
2:30 pm - 3:15 pm		Graca Almeida Porada, MD, PhD (Chair)	<i>Stem Cells, Basic Biology, Therapeutics, and Vehicles for Gene Delivery</i>
3:15 pm - 3:30 pm	Java Break		
3:30 pm - 4:15 pm		Arnold Caplan, PhD	<i>MSC's are not SC's</i>
4:15 pm - 5:00 pm		Joanne Kurtzberg, MD, PhD	<i>Cord-Blood Derived Stem Cells</i>
5:00 pm - 5:30 pm	Panel and Attendees Discussion & Brief Closing Remarks for Day 1		
5:30 pm - 6:45pm	Opening Reception (Heavy Hors D'oeuvres and Beer/Wine)		
Tuesday, June 6th - DAY 2 (Exhibitors' Corridor Open - June 6th- 8th)			
7:45am - 8:30am	Networking/Continental Breakfast		
Session II:	Biomaterials	Speaker	Tentative Title/Focus Area
8:30 am - 9:15 am		David Williams, PhD (Chair)	<i>Essential Biomaterials Science</i>
9:15 am - 10:00 am		Guillermo Ameer, PhD	<i>Citrate-Based Biomaterials Enabling New Tools for Regenerative Medicine</i>
10:00 am- 10:15 am	Java Break/Exhibits		
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		Omid Veisheh, PhD	<i>Engineering Advanced Biomaterials Combining Molecular Engineering and Multi-scale Fabrication for Applications in Regenerative Medicine and Immunology</i>
11:45 am-12:15 pm	Panel & Attendees Discussion		
12:15 pm - 1:30 pm	Lunch Networking Break/Exhibits	Career Perspectives in Academic Regenerative Medicine Lunch Round Table I/ Exhibits	
Session III:	Enabling Technologies	Speaker	Tentative Title/Focus Area
1:30 pm - 1:45 pm			Presenting Sponsor: TBC
1:45 pm - 2:30 pm		Christopher Porada, PhD (Chair)	<i>Overview of Enabling Technologies in Regenerative Medicine (w/ Gene Therapy Applications)</i>
2:30 pm - 3:15 pm		Frank Marini, PhD	<i>Tracking Stem Cells Anywhere in the Body - A Look at Regenerative Imaging</i>
3:15 pm - 3:45 pm	Java Break/Exhibits		
3:45 pm - 4:15 pm		John Jackson, PhD	<i>Bioprinting and Processes 101</i>
4:15 pm - 5:00 pm		Daniel G. Anderson, PhD	<i>CRISPR-Cas9 in the Clinic</i>
5:00 pm - 5:30 pm	Panel & Attendees Discussion		
5:30 pm - 6:15 pm	Kool & Lite Refreshments		
Wednesday, June 7th - DAY 3 (Exhibitors Corridor & Networking Day 2)			
7:45 am - 8:30 am	Networking/Continental Breakfast (sign up for WFIRM tours)		
Session IV:	Cell Therapies	Speaker	Tentative Title/Focus Area
8:30 am - 8:45 am			Presenting Sponsor: TBC
8:45 am - 9:30 am		Sean Murphy, PhD (Chair)	<i>Overview w/Applications of Perinatal Stem Cells</i>
9:30 am - 10:30 am		Igor Slukvin, MD, PhD	<i>iPSC-based blood regenerative therapies</i>
10:15 am - 10:30 am	Java Break/Exhibits		
10:30 am - 11:30 am		Robert Preti, PhD	<i>Scale to Survive: The Future of Cell Therapy</i>
11:30 am - 12:00 pm	Panel & Attendees Discussion		
12:00 pm - 1:15 pm	Lunch Networking Break/Exhibits	Career Perspectives in Regenerative Medicine Lunch Session Round Table II (industry, regulatory, etc.)/ Exhibitors	
Session V:	Tissue Engineered Products & Technologies (TEMPs)	Speaker	Tentative Title/Focus Area
1:15 pm - 2:00 pm		James Yoo, MD, PhD	<i>Considerations for Developing Tissue Engineered and Regenerative Medicine Products</i>
2:00 pm - 2:45 pm		Tony Mikos, PhD	<i>Biomaterials TE Products Commercialization</i>
2:45 pm - 3:15 pm	Java Break/Exhibits		

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Wednesday, June 7th - DAY 3 (TEMPS Session cont.)		
3:15 pm - 4:00 pm	Gabor Forgacs, PhD	<i>Bringing TE Products to the Dinner Table</i>
4:00 pm - 4:45 pm	Panel & Attendees Discussion	
4:45 pm - 5:45 pm	WFIRM Lab Tours (Shuttle Service or Walk)	<i>Van shuttle to WFIRM from WF Medical Education Center</i>
5:45 pm - 6:45 pm	Social Networking - Hors d'Oeuvres, Wine and Beer - WFIRM Patio (weather permitting or 250A&B)	
Thursday, June 8th - DAY 4 (Exhibitors Corridor & Networking Day 3)		
8:00 am - 9:00 am	Networking/Continental Breakfast	
Session VI:	Regulatory, Process Development & Manufacturing	Speaker Title/focus area
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	Becky Robinson-Zeigler, PhD	<i>Pre-clinical Translational RM: FDA Perspectives I</i>
10:15 am - 10:30 am	Java Break/Exhibits	
10:30am - 11:15 am	Steve Oh, PhD	<i>Translation of TERM products into the clinic in US: FDA Perspectives II</i>
11:15 am - 12:15 pm	David Williams, PhD (Chair)	<i>Regional and Global Perspectives</i>
12:15 pm - 12:30 pm	Panel & Attendees Discussion	
12:30 pm - 1:15 pm	Lunch Networking Break/Exhibits	
Session VII:	IRB, Clinical Trials & Bioethics	Speaker Title/focus area
1:15 pm - 2:15 pm	Daniel K. Nelson, MS, CIP	<i>IRBs and Translational Research: Overlooking the Cutting Edge</i>
2:15 pm - 2:45 pm	Rosemarie Hunziker, PhD	<i>Understanding NIH Funding of Regenerative Medicine (WebEx)</i>
2:45pm - 3:00 pm	Java Break/Exhibits	
3:00 pm - 4:00 pm	Jeanne Loring, PhD	<i>Parkinson's and Stem Cells</i>
4:00 pm - 4:30 pm	Nancy King, JD	<i>Translational Regenerative Medicine Research: Ethics Overview</i>
4:30 pm - 5:00 pm	Panel & Attendees Discussion	
5:00 pm to 6:45 pm	NC BBQ and Social Networking	
Friday, June 9th - DAY 5		
8:00 am - 8:45 am	Networking/Continental Breakfast	
Session VII: Commercialization	Speaker	Title/focus area
8:45 am - 9:30 am	Julie Watson, JD	<i>IP 101: Securing IP for Regenerative Medicine</i>
9:30 am - 10:00 am	Beth Fordham-Meiers	<i>Opportunities and Risks in Commercializing Novel Regenerative Medicine Technologies</i>
10:00 am - 10:15 am	Java Break	
10:15 am - 11:00 am	Doris Taylor, PhD	<i>Commercialization and the Pathways to Market (Case Study)</i>
11:00 am - 11:45 pm	C. Randal Mills, PhD	<i>CIRM 2.0 and Beyond</i>
11:45 pm - 12:00 pm	Wrap-Up & Concluding Remarks	<i>Shuttle service back to WFIRM for Post-workshops</i>
*Note: 1/2 day Into the Lab Post-Course Workshops (#1 Decell/Recell; #2 Intro to Translation; #3 Bioprinting 101) from 1:00 pm to 4:15 pm		