



“Building the Future Together”

Wednesday, August 15

4:00 – 6:00pm	Optional Registration Location: Discovery Building, Open Court Main
4:30 – 5:30pm	Fall Graduate Class Meeting Location: Discovery Building, Room 1260 <i>Mandatory for those enrolled in the Regenerative Medicine, Cell Manufacturing and Society class</i>
6:00 – 8:00pm	Trainee Informal Orientation, Team Activity, and Dinner Location: Union South, The Sett, Lower Level All trainees invited! Led by CMaT Student Leadership Council <i>If needed please call Katie Mueller at 303-775-8187 for directions</i>
7:00pm	CMaT Executive Committee Informal Dinner Location: Lucile, 101 King St, Madison, WI 53703 <i>By invitation only: For those who have arrived</i>
For everyone else – dinner on your own	

Thursday, August 16

All sessions are held at the Discovery Building, 330 N. Orchard St.

All posters up by 8:00am Location: Open Court Central and Open Court East	
6:55am	Doubletree shuttle leaves for Doubletree hotel guests Will make two trips
7:00 – 8:00am	Breakfast and Registration Location: Open Court Main
8:00 – 8:30am	Welcome and State of the Center Address Location: DeLuca Forum Participants: all CMaT

8:30 – 9:00am	The Patient Perspective – A discussion with Austin Schuetz and his mom, Kimberly Moderator: Bruce Levine Location: DeLuca Forum Participants: all CMaT	
9:00 – 9:30am	Break and Poster Viewing	
9:30 – 11:30am	CAR-T Research Presentations <i>20 minute Presentation + 10 minute Q&A</i> Location: DeLuca Forum Participants: all CMaT 9:30am Process Variability Assessment & Omics Characterization of CAR-T Cells 10:00am Predictive CAR-T Potency Assay for Solid Tumors 10:30am Analysis of Cryopreservation Effect 11:00am Development of Supply Chain and Process Modeling Algorithms	
11:30am	Group Photo Location: Open Court Main on the carpet Participants: all CMaT	
11:35am – 12:30pm	Lunch	Industry and Trainee Networking Lunch By invitation only Celgene & RoosterBio (Group 1) –1260 MilliporeSigma & RoosterBio (Group 2) – 1170 Lonza – 1153 Axion Biosystems – 1155 GE Healthcare - 1157
12:30 – 2:00pm	Breakout Sessions <i>Choose any session(s) you would like to join, unless indicated as mandatory below</i>	
12:30 – 2:00pm	Research by Test Bed MSCs: Orchard Room (3 rd floor) T Cells: Mesozoic Garden View East iPSCs: ERC Lobby	
12:30pm	Innovation Ecosystem Private Meeting Location: 1260	
12:30 – 1:00pm	REM/RET/REU Trainee Assessment Location: Research Link (2 nd Floor) Participants: Mandatory for all REU/RET/REM Trainees <i>Meet at welcome desk at 12:25 to be escorted to room</i>	
12:30 – 1:15pm	Mentoring Opportunities for CMaT Graduate Students and Post-docs Discussion of CMaT mentoring and outreach opportunities and best practices for mentoring trainees at various levels Location: DeLuca Forum Participants: all grad students and post-docs	

1:15 – 2:00pm	<p align="center">Career/Graduate School Panel</p> <p align="center">Discussion of jobs in industry, academia or government, how to apply, graduate school life, etc. Location: Research Link (2nd Floor) <i>Meet at welcome desk at 1:15 to be escorted to room</i> Participants: focused towards undergraduates, others invited</p>
2:00 – 2:15pm	Break
2:15 – 4:15pm	<p align="center">MSC Research Presentations</p> <p align="center"><i>20 minute Presentation + 10 minute Q&A</i> Location: DeLuca Forum Participants: all CMaT</p> <p>2:15pm Exosome Protein and Cell Surface Signatures 2:45pm Dynamic Sampling Platform for Cell State Analysis 3:15pm Tissue-on-a-Chip Platform for MSC Potency 3:45pm Effects of Culture Substrate Parameters</p>
4:15 – 4:30pm	Break
4:30 – 6:30pm	<p align="center">Trainee Poster Session</p> <p align="center">Location: Open Court Central and Open Court East <i>4:30 – 5:30pm odd numbers stand by posters</i> <i>5:30 – 6:30pm even numbers stand by posters</i></p>
6:30pm	<p align="center">Dinner and Introduction to International Partners</p> <p align="center">Location: DeLuca Forum Participants: all CMaT</p>

Friday, August 17

All sessions are held at the Discovery Building, 330 N. Orchard St.

Posters up until 1:00pm			
6:55am	<p align="center">Doubletree shuttle leaves for Doubletree hotel guests</p> <p align="center">Will make two trips</p>		
7:00 – 7:45am	<table border="1"> <tr> <td align="center">Breakfast</td> <td align="center"> <p>Engineering Workforce Development and Diversity & Inclusion Meeting</p> <p align="center">Location: Room 1170</p> </td> </tr> </table>	Breakfast	<p>Engineering Workforce Development and Diversity & Inclusion Meeting</p> <p align="center">Location: Room 1170</p>
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7:45 – 8:00am	<p align="center">Welcome</p> <p align="center">Engineering Workforce Development Presentation and Poster Session Award Presentation Location: DeLuca Forum Participants: all CMaT</p>		

8:00 – 8:15am	<p align="center">Innovation Ecosystem Presentation</p> <p align="center">Location: DeLuca Forum Participants: all CMaT</p>
8:15 – 9:15am	<p align="center">iPSC Research Presentations</p> <p align="center"><i>20 minute Presentation + 10 minute Q&A</i></p> <p align="center">Location: DeLuca Forum Participants: all CMaT</p> <p>8:15am Integration of Imaging Modalities with Omics 8:45am Improving the Quality of iPSC-derived Cardiomyocytes</p>
9:15am	Break
9:30 – 10:00am	<p align="center">Graduate Students and Post-Doctorate Assessment</p> <p align="center"><i>Participants: Mandatory for CMaT funded grad students and post-docs</i></p> <p align="center">Location: Orchard Room (3rd Floor)</p>
9:45 – 11:30am	<p align="center">Industrial / Practitioner Advisory Board (IPAB) Meeting</p> <p align="center">Location: 1170</p> <p align="center">For remote participation: 408.740.7256 Enter Conference ID : 535817767</p> <p align="center">Participants: only industry members and ILOs</p>
10:00 – 11:30am	<p align="center">CMaT Required Training – Implicit Bias</p> <p align="center"><i>Participants: Mandatory for ALL CMaT – except Industry Members</i></p> <p align="center">Location: DeLuca Forum</p>
11:30 – 12:00pm	<p align="center">IPAB Feedback Meeting with Executive Committee</p> <p align="center">Location: Orchard Room (3rd Floor)</p> <p align="center">Participants: industry members and CMaT Executive Committee</p>
11:30 – 1:00pm	Breakout Sessions + Lunch
11:30-1:00pm	<p align="center">Research by Test Bed</p> <p align="center">MSCs: Orchard Room (3rd floor) T Cells: Mesozoic Garden View East iPSCs: ERC Lobby</p>
11:30 – 1:00pm	<p align="center">Three Minute Thesis Training and Exercise with Trainees</p> <p align="center"><i>Participants: Mandatory for UG and Grad students</i></p> <p align="center">Provide trainees with valuable knowledge, skills and experience that they can use to more effectively communicate in their academic and professional careers, as well as, prepare for the NSF Perfect Pitch competition in Washington, D.C.</p> <p align="center">Location: DeLuca Forum</p>
12:15 – 1:00pm	<p align="center">Technical College / Pre-College Information Sharing and Curriculum Discussions</p> <p align="center">Participants: REM/RET Instructors</p> <p align="center">Location: Room 1170</p>
1:00 – 2:00pm	<p align="center">Research Breakout Report and Wrap Up</p> <p align="center">Location: DeLuca Forum Participants: all CMaT</p>
2:00pm	Meeting Adjourned
2:00pm	<p align="center">Shuttle for Doubletree Guests leaves for airport</p> <p align="center">Will make two rounds</p>