“Building the Future Together”

Wednesday, August 15

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

Thursday, August 16

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

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<tr>
<td>6:55am</td>
<td>Doubletree shuttle leaves for Doubletree hotel guests&lt;br&gt;Will make two trips</td>
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<tr>
<td>7:00 – 8:00am</td>
<td>Breakfast and Registration&lt;br&gt;Location: Open Court Main</td>
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<td>8:00 – 8:30am</td>
<td>Welcome and State of the Center Address&lt;br&gt;Location: DeLuca Forum&lt;br&gt;Participants: all CMaT</td>
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| 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**  
20 minute Presentation + 10 minute Q&A  
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  
Choose any session(s) you would like to join, unless indicated as mandatory below |
| 12:30 – 2:00pm| **Research by Test Bed**  
MSCs: Orchard Room (3rd 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 (2nd Floor)  
Participants: Mandatory for all REU/RET/REM Trainees  
Meet at welcome desk at 12:25 to be escorted to room |
| 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 |
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<td>1:15 – 2:00pm</td>
<td><strong>Career/Graduate School Panel</strong>&lt;br&gt;Discussion of jobs in industry, academia or government, how to apply, graduate school life, etc.&lt;br&gt;Location: Research Link (2nd Floor)&lt;br&gt;Meet at welcome desk at 1:15 to be escorted to room&lt;br&gt;Participants: focused towards undergraduates, others invited</td>
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<td>2:00 – 2:15pm</td>
<td><strong>Break</strong></td>
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<td>2:15 – 4:15pm</td>
<td><strong>MSC Research Presentations</strong>&lt;br&gt;20 minute Presentation + 10 minute Q&amp;A&lt;br&gt;Location: DeLuca Forum&lt;br&gt;Participants: all CMaT&lt;br&gt;2:15pm Exosome Protein and Cell Surface Signatures&lt;br&gt;2:45pm Dynamic Sampling Platform for Cell State Analysis&lt;br&gt;3:15pm Tissue-on-a-Chip Platform for MSC Potency&lt;br&gt;3:45pm Effects of Culture Substrate Parameters</td>
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<td>4:15 – 4:30pm</td>
<td><strong>Break</strong></td>
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<td>4:30 – 6:30pm</td>
<td><strong>Trainee Poster Session</strong>&lt;br&gt;Location: Open Court Central and Open Court East&lt;br&gt;4:30 – 5:30pm odd numbers stand by posters&lt;br&gt;5:30 – 6:30pm even numbers stand by posters</td>
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<td>6:30pm</td>
<td><strong>Dinner and Introduction to International Partners</strong>&lt;br&gt;Location: DeLuca Forum&lt;br&gt;Participants: all CMaT</td>
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**Friday, August 17**

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

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<td>7:00 – 7:45am</td>
<td><strong>Breakfast</strong>&lt;br&gt;<strong>Engineering Workforce Development and Diversity &amp; Inclusion Meeting</strong>&lt;br&gt;Location: Room 1170</td>
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<td>7:45 – 8:00am</td>
<td><strong>Welcome</strong>&lt;br&gt;Engineering Workforce Development Presentation and Poster Session Award Presentation&lt;br&gt;Location: DeLuca Forum&lt;br&gt;Participants: all CMaT</td>
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<td>8:00 – 8:15am</td>
<td><strong>Innovation Ecosystem Presentation</strong>&lt;br&gt;Location: DeLuca Forum&lt;br&gt;Participants: all CMaT</td>
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| 8:15 – 9:15am| **iPSC Research Presentations**  
              *20 minute Presentation + 10 minute Q&A*  
              *Location: DeLuca Forum*  
              *Participants: all CMaT*  
              Integration of Imaging Modalities with Omics  
              Improving the Quality of iPSC-derived Cardiomyocytes |
| 9:15am       | **Break**                                                             |
| 9:30 – 10:00am| **Graduate Students and Post-Doctorate Assessment**  
                *Participants: Mandatory for CMaT funded grad students and post-docs*  
                *Location: Orchard Room (3rd Floor)* |
| 9:45 – 11:30am| **Industrial / Practitioner Advisory Board (IPAB) Meeting**  
                *Location: 1170*  
                *For remote participation: 408.740.7256 Enter Conference ID: 535817767*  
                *Participants: only industry members and ILOs* |
| 10:00 – 11:30am| **CMaT Required Training – Implicit Bias**  
                *Participants: Mandatory for ALL CMaT – except Industry Members*  
                *Location: DeLuca Forum* |
| 11:30 – 12:00pm| **IPAB Feedback Meeting with Executive Committee**  
                *Location: Research Link (3rd Floor)*  
                *Meet at welcome desk at 11:30 to be escorted to room*  
                *Participants: industry members and CMaT Executive Committee* |
| 11:30 – 1:00pm| **Breakout Sessions + Lunch**                                        |
| 11:30-1:00pm | **Research by Test Bed**  
                *MSCs: Orchard Room (3rd floor)*  
                *T Cells: Mesozoic Garden View East*  
                *iPSCs: ERC Lobby* |
| 12:15 – 1:00pm| **Three Minute Thesis Training and Exercise with Trainees**  
                *Participants: Mandatory for UG and Grad students*  
                *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.*  
                *Location: DeLuca Forum* |
| 1:00 – 2:00pm | **Technical College / Pre-College Information Sharing and Curriculum Discussions**  
                *Participants: REM/RET Instructors*  
                *Location: Room 1170* |
| 2:00pm       | **Meeting Adjourned**                                                 |
| 2:00pm       | **Shuttle for Doubletree Guests leaves for airport**  
                *Will make two rounds* |