Practical/Theoretical Course on State-of-the-Art Methods in Stem Cells, Cell Therapies, and Bioengineering

PRE-CONFERENCE WORKSHOP ~ July 12th, 2020
Health Sciences Research Facility (HSRF)

8:15 am Shuttle bus from hotel (Hotel Vermont/Courtyard Marriott) to UVM HSRF
8:20 – 9:00 am Continental Breakfast ~ Stafford Hall
8:50 – 9:00 am Orientation
9:00 – 10:30 am **Session 1 breakouts**
10:30 – 11:00 am Coffee and Networking Break
11:00 am – 12:30 pm **Session 2 breakouts**
12:30 – 2:00 pm Lunch with Speakers
2:00 – 3:30 pm **Session 3 breakouts**
3:30 – 4:00 pm Conclusion and Networking with Speakers and Attendees
4:00 pm Shuttle bus from Stafford Hall to hotels (Hotel Vermont/Courtyard Marriott)

**Options Session 1**
9:00 – 10:30 am

A. Decellularization of rodent lungs (Dan Weiss Lab) (5 people) (Room 1)
B. Precision cut lung slices (Darcy Wagner lab) (5 people) (Room 1)
C. Pluripotent stem cell airway models (Amy Ryan Lab) (up to 10 people) (Room 2)
D. Single Cell ATAC (TBD) (up to 20 people) (Room 3)
E. Commercializing your technology and perfecting your Elevator Pitch (Chelsea Magin and Joan Herbers) (Up to 20 people) (Room 4)

**Options Session 2**
11:00 am – 12:30 pm

A. Decellularization of rodent lungs (Dan Weiss Lab) (5 people) (Room 1)
B. Precision cut lung slices (Darcy Wagner lab) (5 people) (Room 1)
C. Lung-Chips (Janna Nawroth, Sara Gilpin and Emulate Inc) (up to 10 people) (Room 2)
D. Light-sheet microscopy (Darcy Wagner Lab – John Stegmyer) (up to 10 people) (Room 3)
E. In-situ Proteomics (TBD) (up to 20 people) (Room 4)

**Options Session 3**
2:00 – 3:30 pm

A. Light-sheet microscopy (Darcy Wagner Lab – John Stegmyer) (up to 10 people) (Room 1)
B. Lung-Chips (Janna Nawroth, Sara Gilpin, and Emulate Inc) (up to 10 people) (Room 2)
C. In-situ Proteomics (TBD) (up to 20 people) (Room 3)
D. Single Cell ATAC (TBD) (up to 20 people) (Room 5)
E. Commercializing your technology and perfecting your Elevator Pitch (Chelsea Magin and Joan Herbers) (Up to 20 people) (Room 4)