

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

**PRE-CONFERENCE WORKSHOP ~ July 9, 2021
Virtual Agenda**

- All workshop recordings will be available from Monday, July 5 for registered workshop attendees to watch at their leisure.
- On Friday, July 9 we will host an hour-long question and answer session where all registered workshop attendees will have the opportunity to interact with the workshop hosts.
- The cost for attending the online workshop has been reduced to \$125 per person to encourage trainees to participate and learn new techniques in the field.

July 5-9, 2021

Recorded Workshop Presentations Available On Demand

- A. Decellularization of rodent lungs – Hosted by Dr. Dan Weiss’s Lab, University of Vermont
- B. Precision cut lung slices - Hosted by Dr. Darcy Wagner’s Lab, Lund University
- C. Pluripotent stem cell airway models – Hosted by Dr. Amy Ryan’s Lab, USC
- D. Single Cell ATAC – Hosted by [TBA]
- E. Lung-on-Chips - Hosted by Dr. Janna Nawroth, Ryan Lab, USC
- F. Light-sheet microscopy – Hosted by Dr. John Stegmyer (Wagner Lab, Lund University)
- G. In-situ Proteomics – Hosted by [TBA]

July 9, 2021

Live Q&A Session Schedule

(Times listed are for the Eastern Time Zone)

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|---------------------|-------------------------------------|
| A. 9:00 – 10:00 AM | Decellularization of rodent lungs |
| B. 10:00 – 11:00 AM | Light-sheet microscopy |
| C. 11:00 – 12:00 AM | Precision cut lung slices |
| D. 12:00 – 1:00 PM | Pluripotent stem cell airway models |
| E. 1:00 – 2:00 PM | Single Cell ATAC |
| F. 2:00 – 3:00 PM | Lung-on-Chips |
| G. 3:00 – 4:00 PM | In-situ Proteomics |

From 4:00 to 5:00 PM we will host an online social networking event for all workshop attendees.