



The Baltimore Introductory Spectral Cytometry Course 2025

Monday, June 9, 2025:

08:45 - 09:00 AM: Orientation

09:00 - 09:50 AM: Introduction to Flow Cytometry

10:00 - 10:50 AM: Cellular Markers and Immunology

11:00 - 11:50 AM: Introduction to SpectroFlo

12:00 - 01:30 PM: Lunch (sponsored by BD Biosciences)

01:30 - 02:00 PM: Laboratory and Core Protocol Roundup

02:00 - 04:00 PM: First Spectral Flow Experiment Acquisition

Tuesday, June 10, 2025:

09:00 - 10:20 AM: Unmixing and Spectral Flow Cytometry

10:30 - 11:50 AM: Fluorophores and Panel Design

12:00 - 01:30 PM: Lunch (sponsored by Biolegend)

01:30 - 02:00 PM: Experiment Roundup

02:00 - 04:00 PM: Second Spectral Flow Experiment Acquisition

Wednesday, June 11, 2025:

09:00 - 10:20 AM: Cytex Training Workshop - Unmixing Tips for Success

10:30 - 11:50 AM: Cytex Training Workshop - Data Evaluation

12:00 - 01:30 PM: Lunch (sponsored by Cytex Biosciences)

01:30 - 02:00 PM: Acquisition Roundup

02:00 - 04:00 PM: Third Spectral Flow Experiment Acquisition

Thursday, June 12, 2025:

09:00 - 10:20 AM: Single Color and Autofluorescence Troubleshooting

10:30- 11:50 AM: Co-expression and Unmixing.

12:00 - 01:30 PM: Lunch (sponsored by ThermoFisher)

01:30 - 02:00 PM: Troubleshooting Complex Sample Roundup

02:00 - 04:00 PM: Fourth Spectral Flow Experiment Acquisition

Friday, June 13, 2025:

09:00 - 10:20 AM: Interpreting Instrumental QC

10:30 - 11:50 AM: Spectral Cytometer Hardware - Fluidics and Lasers

12:00 - 01:30 PM: Lunch (sponsored by Slingshot Biosciences)

01:30 - 02:00 PM: Special Topics Roundup

02:00 - 04:00 PM: Fifth Spectral Flow Experiment Acquisition

04:00 - 4:30 PM: Conclusion