



NTHRYS WORKSHOPS

Advanced Techniques In Cytomics

8:45 AM - 10:15 AM: Session 1: Single-Cell Analysis

Introduction to single-cell analysis techniques in cytomics.
Hands-on workshop on single-cell isolation, sequencing, and analysis.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Multi-Parameter Flow Cytometry

Overview of multi-parameter flow cytometry and panel design strategies.
Practical session on designing and optimizing flow cytometry panels for complex analyses.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: High-Throughput Screening in Cytomics

Discussion on high-throughput screening techniques using cytomics platforms.
Case studies on screening compound libraries and functional genomics assays.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Single-Molecule Analysis

Overview of single-molecule analysis techniques in cytomics.

Practical exercises on single-molecule imaging, tracking, and quantification.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes