



NTHRYS WORKSHOPS

Introduction To Cytomics

8:45 AM - 10:15 AM: Session 1: Basics of Cytomics

Overview of cytomics and its role in cell analysis.
Introduction to flow cytometry, cell sorting, and microscopy techniques.

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

Networking and refreshments.

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

Hands-on training on flow cytometry principles and instrumentation.
Practical session on sample preparation, data acquisition, and analysis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Imaging Cytometry Techniques

Overview of imaging cytometry techniques such as confocal microscopy and high-content screening.
Practical exercises on image acquisition, analysis, and interpretation.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Advanced Cytomics Applications

Discussion on advanced cytomics applications in cell biology, immunology, and drug discovery.
Case studies on using cytomics for biomarker discovery and cellular profiling.

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