



NTHRYS WORKSHOPS

Emerging Trends In Cytomics

8:45 AM - 10:15 AM: Session 1: Spatial Omics and Imaging Mass Cytometry

Introduction to spatial omics techniques and imaging mass cytometry.
Hands-on workshop on spatial transcriptomics and proteomics using imaging mass cytometry platforms.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Single-Cell Multi-Omics Integration

Overview of integrating single-cell multi-omics data in cytomics.
Practical session on data integration techniques and analysis pipelines.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Artificial Intelligence in Cytomics

Discussion on AI applications in cytomics data analysis and interpretation.
Case studies on using machine learning and deep learning for cytomics research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Single-Cell Theranostics

Exploration of single-cell theranostics approaches using cytomics platforms.
Practical exercises on personalized medicine and targeted therapy using single-cell analysis.

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