



NTHRYS WORKSHOPS

Advanced Techniques In Lipidomics

8:45 AM - 10:15 AM: Session 1: High-Throughput Lipidomics

Introduction to high-throughput techniques for lipidomics.
Hands-on session on using advanced mass spectrometry and other methods.
Practical demonstration of high-throughput lipidomics.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Computational Lipidomics

Exploring computational approaches in lipidomics.
Workshop on using computational models to predict lipid interactions.
Case studies on the applications of computational lipidomics in research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Lipidomics

Hands-on session on integrating multi-omics data in lipidomics.

Exploring techniques for combining lipidomics, genomics, and proteomics.
Practical applications of integrative omics in lipidomics research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Structural Lipidomics

Workshop on using structural biology to study lipids.
Practical techniques for analyzing lipid structures and interactions.
Case studies on the role of structural lipidomics in understanding molecular mechanisms.

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