



## NTHRYS WORKSHOPS

# Innovations In Lipidomics

### 8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Lipidomics

Introduction to emerging technologies in lipidomics.  
Hands-on session on using advanced tools and techniques in lipid studies.  
Case studies on innovative applications of new technologies in lipidomics.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Lipidomics

Exploring the role of AI and machine learning in lipidomics.  
Workshop on developing predictive models for lipid metabolism.  
Case studies on the application of AI in lipidomics 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 genomics, proteomics, and metabolomics.  
Practical applications of integrative omics in lipidomics.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Directions in Lipidomics**

Discussion on emerging trends and future directions in lipidomics.  
Workshop on integrating new technologies in lipidomics research.  
Case studies on the potential impact of future innovations in lipidomics.

### **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**