



## NTHRYS WORKSHOPS

# Innovations In Molecular Neurobiology

### **8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Molecular Neurobiology**

Introduction to emerging technologies in molecular neurobiology.  
Hands-on session on using advanced tools and techniques in neural research.  
Case studies on innovative applications of new technologies in molecular neurobiology.

### **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 Neurobiology**

Exploring the role of AI and machine learning in neural research.  
Workshop on developing predictive models using AI and ML.  
Case studies on the applications of AI in enhancing molecular neurobiology 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 Neurobiology**

Hands-on session on integrating multi-omics data in neural research.  
Exploring techniques for combining genomics, proteomics, and metabolomics.  
Practical applications of integrative omics in molecular neurobiology research.

### **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 Molecular Neurobiology**

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

### **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**