



## NTHRYS WORKSHOPS

# Innovations In Molecular Endocrinology

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

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

### 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 Endocrinology

Exploring the role of AI and machine learning in molecular endocrinology.  
Workshop on developing predictive models using AI and ML.  
Case studies on the applications of AI in enhancing endocrinology 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 Endocrinology**

Hands-on session on integrating multi-omics data in endocrinology.  
Exploring techniques for combining genomics, proteomics, and metabolomics.  
Practical applications of integrative omics in endocrinology 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 Endocrinology**

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

### **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**