

## NTHRYS WORKSHOPS

# Innovations In Molecular Farming

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

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

### 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 Molecular Farming

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

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

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

### **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**