



## NTHRYS WORKSHOPS

# Innovations In Molecular Veterinary Diagnostics

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

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

### 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 Veterinary Diagnostics

Exploring the role of AI and machine learning in veterinary diagnostics.  
Workshop on developing predictive models using AI and ML.  
Case studies on the applications of AI in enhancing molecular veterinary diagnostics 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 Veterinary Diagnostics**

Hands-on session on integrating multi-omics data in veterinary diagnostics research.  
Exploring techniques for combining genomics, proteomics, and metabolomics.  
Practical applications of integrative omics in veterinary diagnostics 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 Veterinary Diagnostics**

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

### **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**