



## NTHRYS WORKSHOPS

# Introduction To Molecular Veterinary Diagnostics

### 8:45 AM - 10:15 AM: Session 1: Basics of Molecular Veterinary Diagnostics

Overview of molecular veterinary diagnostics principles and applications.  
Hands-on session on studying disease diagnostics at the molecular level.  
Introduction to the importance of molecular diagnostics in veterinary medicine.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Techniques in Molecular Veterinary Diagnostics

Interactive session on techniques used in molecular veterinary diagnostics.  
Workshop on using PCR, ELISA, and other methods.  
Practical demonstration of molecular veterinary diagnostic techniques.

### 12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Pathogen Detection and Identification**

Exploring pathogen detection and identification.

Hands-on training on identifying and characterizing veterinary pathogens.

Case studies on the role of molecular diagnostics in veterinary pathogen detection.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Biomarkers and Diagnostic Markers**

Workshop on biomarkers and diagnostic markers.

Practical techniques for identifying and validating veterinary biomarkers.

Case studies on the applications of molecular diagnostics in biomarker discovery.

### **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**