



## NTHRYS WORKSHOPS

# Advanced Techniques In Molecular Veterinary Medicine

### 8:45 AM - 10:15 AM: Session 1: Advanced Molecular Techniques

Introduction to advanced techniques in molecular veterinary medicine.  
Hands-on session on using next-generation sequencing, microarrays, and other methods.  
Practical demonstration of advanced molecular veterinary applications.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Genomics and Veterinary Medicine

Exploring genomics approaches in veterinary medicine.  
Workshop on using genomic data for disease diagnosis and monitoring.  
Case studies on the applications of genomics in veterinary medicine.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Molecular Pathogenesis**

Hands-on session on studying molecular pathogenesis.  
Exploring techniques for analyzing the molecular basis of veterinary diseases.  
Practical applications of molecular techniques in understanding disease mechanisms.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Molecular Therapeutics and Vaccines**

Workshop on developing molecular therapeutics and vaccines.  
Practical techniques for designing and testing new treatments.  
Case studies on the role of molecular techniques in therapeutic development.

### **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**