



## NTHRYS WORKSHOPS

# Advanced Techniques In Protozoology

### 8:45 AM - 10:15 AM: Session 1: Molecular Methods in Protozoology

Advanced molecular techniques for studying protozoa.  
Practical session on PCR and sequencing.  
Troubleshooting and optimizing molecular assays.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Protozoa Genomics

Overview of protozoa genomics and its applications.  
Practical session on genome sequencing and analysis.  
Case studies on genomic insights into protozoa biology.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Protozoa-Host Interactions

Using genetic and biochemical approaches to study protozoa-host interactions.

Practical session on identifying interaction mechanisms.  
Case studies on developing intervention strategies.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Biotechnology in Protozoology**

Strategies for integrating biotechnology in protozoology research.  
Case studies on biotechnological applications.  
Future trends and challenges in the field.

### **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**