



## NTHRYS WORKSHOPS

# Phylogenetics And Evolutionary Biology

### 8:45 AM - 10:15 AM: Session 1: Evolutionary Theories and Phylogenetics

Introduction to evolutionary theories.  
Case studies on the intersection of evolutionary biology and phylogenetics.  
Practical session on evolutionary data analysis.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Genetic Diversity and Evolution

Exploring genetic diversity through phylogenetics.  
Case studies on genetic evolution.  
Practical session on analyzing genetic diversity data.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Comparative Genomics

Using comparative genomics in phylogenetic studies.

Case studies on genomic comparisons.  
Practical session on comparative genomics tools.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Challenges in Evolutionary Phylogenetics**

Discussion on future challenges and opportunities in phylogenetics and evolutionary biology.  
Strategies for addressing these challenges.  
Networking session for collaborative solutions.

### **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**