



## NTHRYS WORKSHOPS

# Introduction To Bioinformatics

### **8:45 AM - 10:15 AM: Session 1: Basics of Bioinformatics**

Overview of bioinformatics and its importance.  
Introduction to biological databases and sequence alignment tools.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Genomic Data Analysis**

Hands-on training on analyzing genomic data.  
Practical session on using BLAST and other sequence analysis tools.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Protein Structure and Function**

Overview of protein structure prediction and functional annotation.  
Practical exercises on using protein databases and visualization tools.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Case Studies in Bioinformatics**

Discussion on real-world case studies in bioinformatics.

Analysis of bioinformatics applications in health, agriculture, and biotechnology.

**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**