



## NTHRYS WORKSHOPS

# Advanced Techniques In Biosciences

### 8:45 AM - 10:15 AM: Session 1: Genomics and Transcriptomics

Introduction to advanced genomics and transcriptomics techniques.  
Practical demonstration of RNA-Seq and genomic data analysis.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Proteomics and Metabolomics

Overview of proteomics and metabolomics methods.  
Hands-on workshop on protein and metabolite profiling techniques.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Bioinformatics in Biosciences

Introduction to bioinformatics tools and applications.  
Practical session on using bioinformatics software for data analysis.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Environmental Biosciences**

Discussion on environmental applications of biosciences.

Case studies on bioremediation, conservation, and ecosystem monitoring.

**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**