



NTHRYS WORKSHOPS

Advanced Techniques In Environmental Bioinformatics

8:45 AM - 10:15 AM: Session 1: High-Throughput Sequencing and Analysis

Introduction to high-throughput sequencing methods.
Hands-on session on preparing samples for sequencing.
Practical demonstration of data processing and analysis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Environmental Metabolomics

Exploring metabolomics approaches in environmental studies.
Workshop on sample preparation and analysis.
Case studies on metabolomics applications in environmental bioinformatics.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Microbiome Analysis

Hands-on session on studying environmental microbiomes.
Exploring techniques for microbiome data collection and analysis.
Case studies on the impact of microbiomes on ecosystems.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Environmental Proteomics

Workshop on proteomics approaches in environmental bioinformatics.
Practical techniques for protein extraction and analysis.
Case studies on proteomics applications in environmental research.

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