



NTHRYS WORKSHOPS

Advanced Techniques In Plant Bioinformatics

8:45 AM - 10:15 AM: Session 1: Next-Generation Sequencing

Introduction to next-generation sequencing technologies.
Practical demonstration of sequencing workflows.
Data analysis techniques for plant bioinformatics.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Machine Learning Methods

Overview of machine learning in plant bioinformatics.
Practical session on using machine learning for data analysis.
Interpreting results and troubleshooting common issues.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Genomic Data Integration

Using integrative approaches to analyze plant genomic data.
Case studies on data integration.
Discussion on integrating genomic data with other biological data types.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Plant Bioinformatics in Agriculture

Strategies for using bioinformatics in agricultural research.
Case studies on agricultural 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