



NTHRYS WORKSHOPS

Practical Techniques In Plant Bioinformatics

8:45 AM - 10:15 AM: Session 1: Introduction to Plant Bioinformatics

Overview of plant bioinformatics and its applications.
Techniques for analyzing plant genomic data.
Case studies on bioinformatics in plant research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Data Collection and Analysis

Hands-on techniques for collecting and processing plant genomic data.
Software tools for bioinformatics analysis.
Practical session on data visualization.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioinformatics Pipelines

Introduction to bioinformatics pipelines and their applications.

Building and testing pipelines using real-world data.
Discussion on pipeline limitations and improvements.

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 and Applications

Review of significant case studies in plant bioinformatics.
Application of bioinformatics in crop improvement.
Future trends and research directions.

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