



NTHRYS WORKSHOPS

Plant Bioinformatics And Crop Improvement

8:45 AM - 10:15 AM: Session 1: Genomic Selection in Crops

Introduction to genomic selection techniques.
Case studies on genomic selection in crops.
Practical session on selecting crop varieties using bioinformatics tools.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Marker-Assisted Selection

Using marker-assisted selection for crop improvement.
Case studies on marker-assisted selection.
Practical session on analyzing markers and selecting traits.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioinformatics Tools for Breeding

Overview of bioinformatics tools for plant breeding.

Hands-on session with popular software and databases.
Discussion on best practices and resources.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Challenges in Crop Improvement

Discussion on future challenges and opportunities in plant bioinformatics for crop improvement.
Strategies for addressing these challenges.
Networking session for collaborative solutions.

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