



NTHRYS WORKSHOPS

Emerging Technologies In Plant Breeding And Genetics

8:45 AM - 10:15 AM: Session 1: CRISPR-Cas9 in Plant Breeding

Introduction to CRISPR-Cas9 technology.
Applications of CRISPR in plant breeding.
Hands-on session with CRISPR tools.

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

Networking and refreshments.

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

Using high-throughput data analysis in plant breeding.
Practical session on setting up and running genomic workflows.
Troubleshooting and optimizing performance.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Approaches

Combining breeding with other biological data.
Case studies on integrative approaches.
Practical session on multi-omics data integration.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions

Emerging trends and technologies in plant breeding and genetics.
Discussion on potential breakthroughs and innovations.
Networking session for collaborative research opportunities.

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