



NTHRYS WORKSHOPS

Introduction To Applied Genomics

8:45 AM - 10:15 AM: Session 1: Basics of Genomics

Overview of genomics and its applications.
Introduction to DNA sequencing technologies and genomic data.

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

Networking and refreshments.

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

Hands-on training on analyzing genomic data.
Techniques for sequence alignment and variant calling.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Functional Genomics

Overview of functional genomics and its importance.
Practical exercises on gene expression analysis and functional annotation.

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 in Applied Genomics

Discussion on real-world case studies of applied genomics.
Analysis of genomic studies in agriculture, medicine, and biotechnology.

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