



NTHRYS WORKSHOPS

Advanced Techniques In Ngs

8:45 AM - 10:15 AM: Session 1: Advanced NGS Techniques

Introduction to advanced techniques in NGS.
Hands-on session on using long-read sequencing, single-cell sequencing, and other methods.
Practical demonstration of advanced NGS applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Computational Tools for NGS

Exploring computational tools for NGS data analysis.
Workshop on developing and using bioinformatics software.
Case studies on the applications of computational tools in NGS.

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

Catered lunch and networking opportunity.

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

Hands-on session on NGS applications in functional genomics.

Exploring techniques for studying gene expression, epigenetics, and regulatory elements.
Practical applications of NGS in functional genomics research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrative Omics in NGS

Workshop on integrating multi-omics data in NGS research.
Practical techniques for combining genomics, transcriptomics, and proteomics.
Case studies on the role of integrative omics in advancing NGS.

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