



NTHRYS WORKSHOPS

Advanced Techniques In Gene Fusion

8:45 AM - 10:15 AM: Session 1: High-Throughput Detection of Gene Fusions

Introduction to high-throughput techniques for gene fusion detection.
Hands-on session on using next-generation sequencing for fusion detection.
Practical demonstration of high-throughput data analysis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bioinformatics Approaches in Gene Fusion

Exploring bioinformatics tools for gene fusion analysis.
Workshop on using computational methods for fusion detection.
Case studies on the integration of bioinformatics in gene fusion research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Structural Biology of Gene Fusions

Hands-on session on studying the structural biology of gene fusions.

Exploring techniques for modeling fusion proteins.
Practical applications of structural biology in understanding gene fusions.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Functional Genomics and Gene Fusion

Workshop on using functional genomics to study gene fusions.
Practical techniques for integrating genomics data in fusion research.
Case studies on the applications of functional genomics in gene fusion.

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