



NTHRYS WORKSHOPS

Advanced Techniques In Clinical Medical Bioinformatics

8:45 AM - 10:15 AM: Session 1: Next-Generation Sequencing (NGS) Data Analysis

Introduction to NGS data analysis techniques.
Practical demonstration of processing and analyzing NGS data for clinical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Transcriptomics and RNA-Seq

Overview of transcriptomics and RNA sequencing.
Hands-on workshop on analyzing RNA-Seq data for clinical applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Proteomics and Metabolomics

Introduction to proteomics and metabolomics in clinical bioinformatics.
Practical session on analyzing proteomics and metabolomics data.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrative Bioinformatics

Discussion on integrative bioinformatics approaches.
Case studies on combining genomic, transcriptomic, and proteomic data for clinical insights.

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