

NTHRYS WORKSHOPS

Advanced Techniques In Cancer Systems Biology

8:45 AM - 10:15 AM: Session 1: Integrative Omics Approaches

Introduction to integrative omics approaches in cancer research.
Practical demonstration of integrating genomics, proteomics, and metabolomics data.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Network Biology in Cancer

Overview of network biology and its applications in cancer.
Hands-on workshop on constructing and analyzing biological networks in cancer.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Integration and Analysis

Introduction to data integration and analysis techniques in cancer systems biology.

Practical session on using bioinformatics tools for 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: Computational Drug Discovery

Discussion on computational drug discovery approaches in cancer.

Case studies on using computational models to identify potential cancer therapeutics.

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