



NTHRYS WORKSHOPS

Practical Techniques In Transcriptomics

8:45 AM - 10:15 AM: Session 1: Introduction to Transcriptomics

Overview of transcriptomics and its significance.
Techniques for studying RNA transcripts.
Case studies on transcriptomics research and applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: RNA Extraction and Sequencing

Hands-on techniques for RNA extraction and sequencing.
Practical session on using sequencing technologies.
Discussion on optimizing RNA sequencing workflows.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Analysis in Transcriptomics

Introduction to data analysis techniques.

Practical demonstration of bioinformatics tools for transcriptomics.
Case studies on interpreting RNA sequencing data.

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 and Applications

Review of significant case studies in transcriptomics.
Applications in disease research and biotechnology.
Future trends and research directions.

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