



NTHRYS WORKSHOPS

Practical Techniques In Proteomics

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

Overview of proteomics and its significance.
Techniques for studying the proteome.
Case studies on proteomics research and applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Protein Extraction and Preparation

Hands-on techniques for protein extraction and preparation.
Practical session on sample preparation for mass spectrometry.
Discussion on optimizing extraction protocols.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Mass Spectrometry in Proteomics

Introduction to mass spectrometry techniques.

Practical demonstration of MS-based proteomics.
Case studies on quantitative and qualitative proteomics.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Data Analysis in Proteomics

Overview of data analysis techniques.
Practical session on using bioinformatics tools.
Case studies on data interpretation and validation.

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