



NTHRYS WORKSHOPS

Advanced Techniques In Biochemistry

8:45 AM - 10:15 AM: Session 1: Advanced Analytical Techniques in Biochemistry

Introduction to advanced analytical techniques for biochemical analysis.
Hands-on session on mass spectrometry and chromatography.
Practical demonstration of high-throughput techniques in biochemistry.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Structural Biology and Biochemistry

Exploring structural biology techniques in biochemistry.
Workshop on using X-ray crystallography and NMR spectroscopy.
Case studies on the applications of structural biology in understanding biomolecular function.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Systems Biology and Biochemistry

Hands-on session on systems biology approaches in biochemistry.

Exploring techniques for integrating omics data.

Practical applications of systems biology in understanding complex biological systems.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Computational Biochemistry

Workshop on computational tools for biochemical research.

Practical techniques for molecular modeling and simulations.

Case studies on the use of computational methods in biochemistry.

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