



NTHRYS WORKSHOPS

Introduction To General Biochemistry

8:45 AM - 10:15 AM: Session 1: Basics of Biochemistry

Overview of biochemistry principles and applications.
Hands-on session on biochemical techniques.
Introduction to the importance of biochemistry in life sciences.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Structure and Function of Biomolecules

Interactive session on the structure and function of proteins, nucleic acids, carbohydrates, and lipids.
Workshop on techniques for analyzing biomolecules.
Practical demonstration of structural biology methods.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Enzymology

Exploring enzyme kinetics and mechanisms.
Hands-on training on enzyme assays and inhibition studies.
Case studies on the applications of enzymes in research and industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Metabolism and Bioenergetics

Workshop on metabolic pathways and energy production.
Practical techniques for studying cellular metabolism.
Case studies on metabolic disorders and their biochemical basis.

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