



NTHRYS WORKSHOPS

Introduction To Biophysics

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

Overview of biophysics and its significance.
Introduction to the physical principles underlying biological processes.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Biophysics

Hands-on training on key biophysical techniques.
Practical session on spectroscopy, microscopy, and molecular modeling.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Structural Biology

Overview of structural biology and its applications.
Practical exercises on X-ray crystallography, NMR, and cryo-EM.

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 in Biophysics

Discussion on real-world case studies in biophysics.

Analysis of biophysical research in understanding disease mechanisms and drug design.

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