



NTHRYS WORKSHOPS

Advanced Techniques In Protein Folding

8:45 AM - 10:15 AM: Session 1: Advanced Computational Methods

Advanced computational techniques for studying protein folding.
Practical session on molecular dynamics simulations.
Troubleshooting and optimizing computational models.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Protein Misfolding and Aggregation

Overview of protein misfolding and aggregation.
Practical session on studying amyloid formation.
Case studies on diseases caused by protein misfolding.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Chaperones and Folding Pathways

Role of molecular chaperones in protein folding.

Practical session on identifying and studying chaperones.
Case studies on chaperone-mediated folding.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biotechnology in Protein Folding

Strategies for integrating biotechnology in protein folding research.
Case studies on biotechnological applications.
Future trends and challenges in the field.

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