



NTHRYS WORKSHOPS

Molecular Dynamics In Biomedical Research

8:45 AM - 10:15 AM: Session 1: Role of Molecular Dynamics in Disease Research

Overview of the importance of molecular dynamics in disease research.
Hands-on session on studying disease mechanisms using molecular dynamics simulations.
Case studies on the impact of molecular dynamics in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Molecular Dynamics in Cancer Research

Exploring the role of molecular dynamics in cancer research.
Workshop on using simulations to study cancer-related proteins and interactions.
Case studies on the applications of molecular dynamics in cancer therapy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Molecular Dynamics in Drug Discovery

Hands-on session on the use of molecular dynamics in drug discovery.
Exploring techniques for studying drug-target interactions and predicting drug efficacy.
Practical applications of molecular dynamics in developing new therapeutics.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Clinical Applications of Molecular Dynamics

Workshop on translating molecular dynamics research into clinical practice.
Practical techniques for using simulation data in clinical settings.
Case studies on the impact of molecular dynamics on medical treatments.

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