Molecular Biophysics In Biomedical Research

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

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

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

Networking and refreshments.

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

Exploring the role of biophysics in cancer research.
Workshop on using biophysical techniques to study and treat cancer.
Case studies on the applications of biophysics in cancer therapy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biophysics in Infectious Diseases

Hands-on session on the use of biophysics in studying infectious diseases.
Exploring techniques for developing vaccines and antiviral therapies.
Practical applications of biophysics in developing treatments for infectious diseases.

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 Biophysics

Workshop on translating biophysics research into clinical practice.
Practical techniques for using biophysical data in clinical settings.
Case studies on the impact of biophysics 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