Advanced Techniques In Structural Bioinformatics

8:45 AM - 10:15 AM: Session 1: Advanced Protein Modeling

Advanced techniques for protein modeling.
Practical session on homology modeling and ab initio methods.
Troubleshooting and optimizing protein models.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Structural Genomics

Overview of structural genomics.
Practical session on integrating structural data with genomics.
Case studies on structural genomics projects.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Drug Design and Docking

Using structural bioinformatics in drug design.
Practical session on molecular docking techniques.
Case studies on structure-based drug design.

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 Structural Bioinformatics

Strategies for integrating biotechnology in structural bioinformatics.
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