Advanced Techniques In Rna Structure Prediction

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

Advanced computational techniques for RNA structure prediction.
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: RNA-Protein Interactions

Overview of RNA-protein interactions.
Practical session on predicting RNA-protein binding sites.
Case studies on functional implications of RNA-protein interactions.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: RNA Folding Pathways

Using computational and experimental approaches to study RNA folding pathways.
Practical session on identifying and analyzing folding intermediates.
Case studies on RNA folding mechanisms.

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 RNA Structure Prediction

Strategies for integrating biotechnology in RNA structure prediction.
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