



NTHRYS WORKSHOPS

Practical Techniques In Rna Structure Prediction

8:45 AM - 10:15 AM: Session 1: Introduction to RNA Structure Prediction

Overview of RNA structure prediction and its significance.
Techniques for predicting RNA secondary and tertiary structures.
Case studies on RNA structure prediction applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Computational Tools for RNA Structure Prediction

Hands-on techniques for using computational tools.
Practical session on popular RNA structure prediction software.
Discussion on optimizing prediction accuracy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Experimental Techniques in RNA Structure Analysis

Introduction to experimental methods for RNA structure determination.
Practical demonstration of X-ray crystallography and NMR spectroscopy.
Case studies on combining computational and experimental approaches.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies and Applications

Review of significant case studies in RNA structure prediction.
Applications in drug design and disease research.
Future trends and research directions.

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