Advanced Techniques In Immunoinformatics

8:45 AM - 10:15 AM: Session 1: High-Throughput Immunoinformatics

Introduction to high-throughput techniques for immune data analysis.
Hands-on session on using next-generation sequencing data for immunoinformatics.
Practical demonstration of data analysis and interpretation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Integrative Omics in Immunoinformatics

Exploring integrative omics approaches in immunoinformatics.
Workshop on using multi-omics data for immune function analysis.
Case studies on the integration of omics data in immunoinformatics research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Computational Approaches in

Immunoinformatics

Hands-on session on computational approaches for immunoinformatics.
Exploring bioinformatics tools and algorithms for immune data analysis.
Practical applications of computational immunoinformatics in research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Structural Immunomics and Immunoinformatics

Workshop on using structural immunomics to improve immune analysis.
Practical techniques for studying immune-protein interactions.
Case studies on the role of structural immunomics in immunoinformatics research.

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