

NTHRYS WORKSHOPS

Advanced Techniques In Systems Biology

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

Advanced techniques for computational modeling.
Practical session on using advanced modeling software.
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: Network Analysis

Overview of network analysis in systems biology.
Practical session on constructing and analyzing biological networks.
Case studies on network analysis applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Dynamic Systems and Simulations

Using simulations to study dynamic biological systems.

Practical session on dynamic system simulations.
Case studies on applications of dynamic systems.

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 Systems Biology

Strategies for integrating biotechnology in systems biology.
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