



NTHRYS WORKSHOPS

Introduction To Molecular Neurobiology

8:45 AM - 10:15 AM: Session 1: Basics of Molecular Neurobiology

Overview of molecular neurobiology principles and applications.
Hands-on session on studying neural cell function and communication.
Introduction to the importance of molecular neurobiology in understanding the nervous system.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Molecular Neurobiology

Interactive session on techniques used in molecular neurobiology.
Workshop on using electrophysiology, imaging, and molecular methods.
Practical demonstration of molecular neurobiology techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Neurotransmission and Synaptic Plasticity

Exploring neurotransmission and synaptic plasticity.

Hands-on training on studying synaptic function and plasticity.
Case studies on the role of molecular neurobiology in understanding brain function.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Neural Development and Regeneration

Workshop on neural development and regeneration.
Practical techniques for studying neural growth and repair.
Case studies on the applications of molecular neurobiology in neural development and regeneration.

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