



NTHRYS WORKSHOPS

Introduction To Epigenomics

8:45 AM - 10:15 AM: Session 1: Basics of Epigenomics

Overview of epigenetic mechanisms and their significance.
Hands-on session on DNA methylation and histone modification.
Introduction to the role of epigenetics in gene regulation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Epigenetic Modifications

Interactive session on different types of epigenetic modifications.
Workshop on techniques for detecting and analyzing epigenetic changes.
Practical demonstration of chromatin immunoprecipitation (ChIP).

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Epigenomics in Development and Disease

Exploring the impact of epigenetics on development and disease.

Hands-on training on studying epigenetic patterns in various conditions.
Case studies on the role of epigenetics in cancer and other diseases.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Epigenetic Therapies

Workshop on the development of epigenetic therapies.
Practical techniques for targeting epigenetic modifications.
Case studies on clinical applications of epigenetic drugs.

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