

NTHRYS WORKSHOPS

Introduction To Genome Annotation

8:45 AM - 10:15 AM: Session 1: Basics of Genome Annotation

Overview of genome annotation principles and applications.
Hands-on session on identifying genes and other genomic features.
Introduction to the importance of genome annotation in genomics.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Computational Tools for Genome Annotation

Interactive session on using computational tools for genome annotation.
Workshop on using software and databases for genome analysis.
Practical demonstration of annotation algorithms.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Functional Annotation of Genomes

Exploring techniques for functional annotation of genomes.

Hands-on training on using bioinformatics tools for functional annotation.
Case studies on the application of genome annotation 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: Applications of Genome Annotation

Workshop on various applications of genome annotation in research and medicine.
Practical techniques for studying gene function and expression.
Case studies on the use of genome annotation in drug discovery and biotechnology.

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