



NTHRYS WORKSHOPS

Perl For Bioinformatics

8:45 AM - 10:15 AM: Session 1: Sequence Analysis with Perl

Hands-on workshop on biological sequence analysis.
Protocols for processing DNA, RNA, and protein sequences using Perl libraries like BioPerl.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Working with Biological Databases in Perl

Practical session on querying and manipulating biological databases.
Protocols for interacting with online databases such as NCBI and Ensembl using Perl scripts.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Next-Generation Sequencing Data Processing

Hands-on training on NGS data analysis.
Protocols for processing large-scale sequencing data and automating workflows with Perl.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Automation of Bioinformatics Pipelines with Perl

Practical session on automating bioinformatics workflows.

Protocols for building automated pipelines for data analysis, annotation, and reporting using Perl scripts.

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