Exomics For Neurogenetics

8:45 AM - 10:15 AM: Session 1: Exome Sequencing for Neurological Disorders

Hands-on workshop on using exome sequencing to study neurological diseases.
Protocols for identifying mutations linked to neurogenetic disorders like ALS, Alzheimer's, and epilepsy.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: De Novo Mutations in Neurological Disorders

Practical session on detecting de novo mutations in neurological diseases.
Protocols for analyzing exome data to identify novel mutations associated with brain disorders.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Exome Data Integration with Brain Imaging

Data

Hands-on training on combining exome data with neuroimaging.
Protocols for integrating genetic data with brain imaging to study genotype-phenotype correlations.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Identifying Therapeutic Targets in Neurogenetics

Practical session on discovering therapeutic targets.
Protocols for linking exomic data to potential therapeutic targets in neurogenetic diseases.

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