

Seminar

Molecular Modelling & its applications in Clinical Genomics for comprehensive variant analysis

Surya Balakrishnan

Apollo Genomics Institute, Hyderabad

Genomics has forayed into clinical medicine & has extensive applications across all specialties. Most of the genetic testing reveals variations, which do not have strong current scientific evidence for pathogenicity. Resolving these VUS [Variants of uncertain significance] requires team efforts across specialised branches & research organisations. Molecular modelling has come of age & could aid in predicting the possible topographic & functional outcomes of a given variant. The lecture intends to familiarise the TIFR team with the dilemmas of Clinical Geneticists, to explore potential areas of collaborations & their role in advancing Genomics via computer simulations & molecular modelling.

Monday, Oct 16th 2023

11:30 AM (Tea / Coffee 11.15 AM)

Auditorium, TIFR-H