Tata Institute of Fundamental Research
Survey No. 36/P, Gopanpally Village, Serilingampally, Ranga Reddy Dist., Hyderabad - 500107

Internal Webinar

Clinical-Genetic-proteomic aspects of Huntington's Disease

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Huntington's Disease (HD) is an autosomally inherited neurodegenerative disease affecting multiple domains of brain functions. It is caused by CAG triplet expansion in the exon1 of Huntingtin (HTT) gene. HTT is expressed ubiquitously including in lymphocytes. I will be talking about

1) Genetic epidemiology, clinical features and their correlation in an Indian HD cohort.
2) Proteomic & phosphoproteomic signatures of HD patient derived lymphoblast cell lines as compared to controls.
3) Phenotype and brain proteomics of transgenic drosophila model with adult onset mutant HTT over expression.

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2:30 PM