

Internal Seminar

Role of polyglutamine repeat length and flanking sequences in aggregation of Exon1

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Most of the polyglutamine diseases are associated with a repeat length dependent onset of pathology. Apart from polyglutamine repeat length, the flanking sequences also play a major role in polyglutamine related diseases. Exon1 is the protein which plays the major role in the manifestation of Huntington's disease. It mainly consists of three parts, N-terminus (HTTNT), polyglutamine repeat (polyQ) and the C-terminus (proline rich domain-PRD). I will discuss how these 3 domains play a role in the aggregation of exon1 aggregation in vitro and in cell lines.

Wednesday, May 18th 2016

2:00 PM (Tea/Coffee at 1:45 PM)

Seminar Hall, TCIS