

Internal Seminar

Biophysical characterization of bacterial protein from YfdX family

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Proteins from yfdX family occur in a large number of virulent organisms such as Salmonella Typhi, ParaTyphi, K. pneumoniae etc. This protein family is not well characterized. Hence, characterization of yfdX protein, STY3178 from Salmonella Typhi is carried out using different biophysical techniques such as CD, fluorescence, ITC, NMR etc. Protein STY3178 shows reversibility in thermal and chemical unfolding. It is capable of interacting with different antibiotics and also acts as a chaperone. Finally, homology model of STY3178 is proposed.

Monday, Feb 4th 2019

2:30 PM (Tea/Coffee at 2:00 PM)

Seminar Hall, TIFR-H