

Internal Seminar

Conformational Studies of Cyclic Peptides with $\alpha_3\beta$, $\alpha_3\gamma$ Architecture and Structural Analysis of SIX3-Protein and its Mutants Involved in Holoprosencephaly

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Many proteins exert their biological activities such as protein-protein interactions (PPI), through small exposed surface regions called epitopes (strands, helices, turns). The PPI, interfaces are usually described as larger, flatter, and more hydrophobic than other conventional targets (e.g GPCR and enzymes) make them harder to tackle with low-molecular-weight compounds. So these secondary structural motifs can be mimicked in small, carefully designed, peptides with desired robust conformation to inhibit the protein-protein interactions (PPI) with the help of peptidomimetics.

Friday, Oct 14th 2016

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

Seminar Hall, TCIS