



**TIFR Centre for Interdisciplinary Sciences,
Narsingi, Hyderabad 500075**

Seminar

**Navigating through the barriers of chromatin and cell
cycle: A complicated tale of transcription machinery**

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DNA in eukaryotes is wrapped around nucleosomes to form chromatin. Nucleosome, an octameric structure formed by core histones H2A, H2B, H3 and H4 is a basic functional unit of chromatin. To gain access to the DNA, cells have developed complicated mechanisms, which include chromatin remodeling enzymes and histone chaperones. My talk will deal with a highly conserved histone chaperone, Spt6, and its complicated role in transcription coupled histone deposition and Cell cycle regulation. Interestingly, dysfunctional Spt6 renders transcriptional activators and repressors dispensable. I will discuss the mechanisms of Spt6 function.

Tuesday, Feb 25th 2014

11:30 AM (Tea/Coffee at 11:15 AM)

Seminar Hall, TCIS