



# CDB SEMINAR

Speaker: **M. R. S. Rao**

<Jawaharlal Nehru Centre  
for Advanced Scientific Research>

Title: **"Chromatin Remodelling  
during Mammalian Spermatogenesis"**

Date:	Tuesday, September 27
Time:	16:00 -17:00
Place:	7F Conference Room of Building A, CDB

## Summary:

Mammalian Spermatogenesis involves a continuous differentiation of germ cells to yield spermatozoa. Two important biological phenomena are associated with spermatogenesis, namely, meiotic division and compaction of chromatin during spermatogenesis.

The entire process of spermatogenesis is also associated with global chromatin remodelling influenced by histone variants during meiotic prophase as well as testis specific proteins during later part of spermiogenesis. Our Laboratory is involved in understanding the role of histone variants H1t and Transition Proteins TP1 and TP2 in this remodelling process. This presentation summarises our results exploring the functional role of these proteins.

Host: **Shin-Ichi Nishikawa <Stem Cell Biology, CDB>**

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