

Seminar

Cracking the chromatin code of aging

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Aging is marked by declining genome integrity, yet the nuclear mechanisms remain unclear. We found that CENP-A and its partner CENP-C are depleted in aged cells. This centromere weakening compromises mitotic fidelity, while centromere reactivation restores stability. My future work will examine how broader histone variant misregulation drives chromatin remodelling, genome instability, and age-related pathologies.

Tuesday, Oct 7th 2025

16:00 Hrs (Tea / Coffee 15:45 Hrs)

Auditorium, TIFRH