

MONDAY

COLLOQUIUM

The Machinery of DNA Replication

Mrinal Srivastava (TIFR, Hyderabad)

5 Oct 2026 (Monday) | 16:00 Hrs (Tea / Coffee 15:45 Hrs) | Venue: TIFRH Auditorium

Faithful transmission of genetic information across cell generations depends on the genome being copied fully and accurately. I will discuss how the two DNA strands are replicated asymmetrically, how replication start sites are chosen, and our findings on the molecular mechanisms driving this process. I will also address how replication proceeds when it hits obstacles, including how the replisome resolves and bypasses these blocks.