

Seminar

Macromolecular phase separation in germ cell fate

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Cells organize biochemistry into functionally distinct compartments. Canonical cellular compartments are confined within lipid membranes, but recent discoveries suggest that a plethora of cellular compartments form independent of membrane boundaries by liquid-liquid phase separation. I will discuss molecular mechanisms of how cells regulate the assembly and material properties of a phase-separated compartment for maintaining germ cell fate and totipotency.

Friday, Dec 21st 2018

4:00 PM (Tea/Coffee at 3:30 PM)

Auditorium, TIFR-H