Tata Institute of Fundamental Research
Survey No. 36/P, Gopanpally Village, Serilingampally, Ranga Reddy Dist., Hyderabad – 500 046

Seminar

Generating neuronal diversity in the cerebral cortex

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The cerebral cortex is a recently evolved complex brain structure that performs several higher order brain functions. It comprises vast numbers and diverse types of excitatory projection neurons (PNs) that form communication channels. These diverse PNs influence cortical size and complexity, rooted in cortical progenitors. However, mechanisms generating this PN diversity are poorly understood. In my seminar, I will discuss the role of an evolutionarily recent progenitor type in diversifying cortical PN types and how neurogenesis through this specific progenitor relates to cortical circuit assembly in mice.

Tuesday, Jul 30th 2024

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

Auditorium, TIFR-H