



Survey No. 36/P, Gopanpally Village, Serilingampally, Ranga Reddy Dist., Hyderabad - 500 046

Webinar

The Physical and Cellular Basis of Epithelial Packing and Self-Assembly

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Multicellularity requires cells to pack and maintain stereotypical organization over the lifespan organism. My research focus is to understand how cells with divergent morphologies and physical properties selforganize into tissue. Specifically, the talk will address how; 1) Purely geometric effects of differential cell size can influence epithelial organization, and 2) Dramatic cell associated with changes proliferation accomplished in animal tissues. By establishing a link between cell heterogeneity and epithelial packing, these results extend our understanding of how tissues with diverse cell types attain stereotypical form and how aberrant cell geometry can perturb tissue architecture in human disease.

Tuesday, Jun 15th 2021 5:00 PM