



COMPUTATIONAL BIOLOGY WEBINAR @ IMSc

THE MEDLEY OF STOCHASTIC HETEROGENEITY IN BACTERIA

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Pure bacterial cultures are a clonal population. Each individual cell in the population is genetically identical i.e isogenic. Thus, it is expected that the response of each individual cell of the population to external stimuli is the same, and at population level is synchronized and harmonious. However, recent studies reveal the existence of randomness in gene expressions at individual cell level. Such variability is observed even when the culture is maintained under constant external conditions. In my talk I will be discussing how this heterogeneity turns into a medley increasing the organism's survival against the odds

GOOGLE MEET LINK:

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