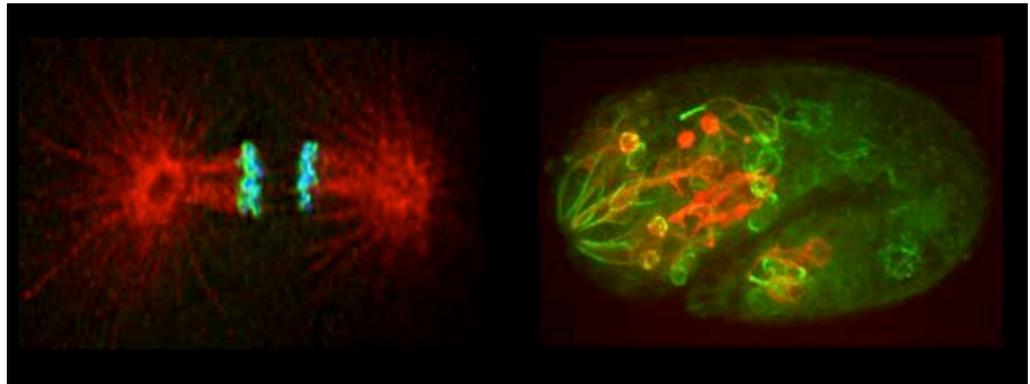




Repurposing the kinetochore machinery for neuronal morphogenesis



Kinetochores are multiprotein structures that are assembled on the centromeric chromatin in order to segregate chromosomes during mitosis. The main purpose of kinetochores is to connect the chromosomes with spindle microtubules. In my talk, I will show that this evolutionarily ancient and essential cellular machinery has been repurposed in neuronal morphogenesis during metazoan development.

Dr. Dhanya Cheerambathur

University of California, San Diego
(Candidate for Faculty Appointment)

Host: Dr. Julie Brill

Date: Thursday February 23, 2017

Time: 9:30 a.m.

Place: Red Seminar Room
Donnelly CCBR