

Biomedical Research Seminar Series

Speaker Announcement

Friday, October 26, 2018 @ 3:30 pm

Domenici Hall, Room 109

(Refreshments served at 3:00)



Needhi Bhalla, PhD

*Associate Professor
Department of Molecular, Cell and
Development Biology
University of California, Santa Cruz*

Understanding conserved molecular mechanisms that regulate and monitor chromosome behavior in diverse contexts

How do cells ensure that the correct number of chromosomes is maintained with every cell division? Having an incorrect number of chromosomes, also called aneuploidy, is associated with cancer, birth defects, miscarriages and infertility, underscoring the importance of this question to human health. We combine genetic and biochemical approaches with high-resolution microscopy and cytological techniques in the nematode worm *C. elegans* to better understand how chromosomes are partitioned correctly during both sexual reproduction (meiosis) and development (mitosis).



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For more information or to meet with the speaker please contact Ryan Ashley at ryashley@nmsu.edu