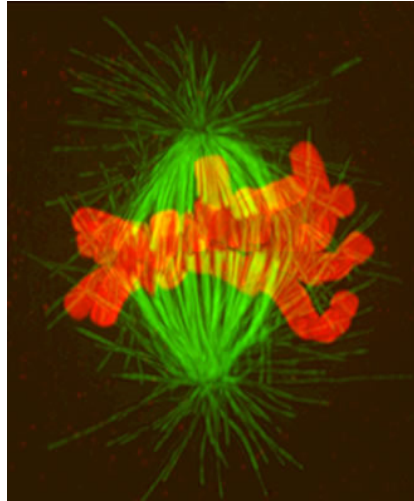


GUEST SPEAKER SEMINAR



Molecular Genetics
UNIVERSITY OF TORONTO

How do cells get the right chromosomes?



The precise regulation of cell division is critical to processes such as self-renewal, proliferation and development. A key event in the cell cycle is the partitioning of every pair of duplicated chromosomes to daughter cells. Chromosomes segregate using their kinetochores, the specialized protein structures that are assembled on centromeric DNA sequences and attach to spindle microtubules. I will discuss our recent advances in isolating kinetochores and studying their behavior by biochemical and biophysical techniques *in vitro*.

Dr. Sue Biggins

Fred Hutchinson Cancer Research Center

Host: Dr. Brigitte Lavoie

Date: Monday October 28, 2013

Time: 4:00 p.m.

Place: FitzGerald Building
150 College Street
Room 103