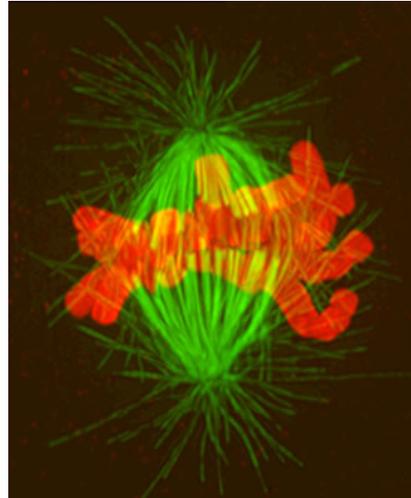




## How do cells get the right chromosomes?



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

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Host: Dr. Brigitte Lavoie

**Date:** Monday October 28, 2013

**Time:** 4:00 p.m.

**Place:** FitzGerald Building  
150 College Street  
Room 103