Chromosome Structure and Function in Drosophila
Workshop at the 50th Annual Drosophila Research Conference
Saturday, March 7, 2009, 6:45-8:45 pm
Room: Chicago 8-10, Level 4

Organizer: Giovanni Bosco, Department of Molecular and Cellular Biology and BIO5 Institute, University of Arizona, Tucson AZ, USA

Note that 15-minute time slots are for a 10 min presentation followed by 3 min discussion and 2 minute speaker transitions.

Program of events:
Introduction by Giovanni Bosco.

6:45-7:00 Carla Klattenhoff, Chengjian Li, Hualin Xi, Soohyun Lee, Jia Xu, Nadine Schultz, Birgit S. Koppetsch, Herve Seitz, Zhiping Weng, Phillip Zamore and William E. Theurkauf. University of Massachusetts Medical School, Worcester, MA.
The HP1 homologue Rhino is required for transposon silencing and piRNA production by double strand clusters.

7:00-7:15 Jim Birchler, Sun Lin and Harvey Fernandez. University of Missouri, Columbia, MO.
What does the Male Specific Lethal (MSL) complex do?

7:15-7:30 Ting Wu*, Charleston Chiang*† fuss, Adnan Derti*, Daniel Schwartz*, Michael Chou*, and Joel Hirschhorn*. * Harvard Medical School † Broad Institute, f Broad Institute, Children's Hospital.
Pairing in Drosophila and ultraconserved elements in mammals.

7:30-7:45 Giorgia Siriaco, Renate Deuring, Barbara Fasulo and John Tamkun. University of California, Santa Cruz, CA.
Regulation of higher-order chromatin structure by chromatin-remodeling and modifying enzymes.

7:45-8:00 Kim McKim. Rutgers University and Waksman Institute, Piscataway, NJ.
Bipolar orientation of chiasmate bivalents at metaphase I of female meiosis.

8:00-8:15 Cristina Nogueira, Helena Kashevsky, Astrid Clarke, Tamar Resnick, and Terry Orr-Weaver. Whitehead Institute and MIT, Cambridge, MA.
Regulation of MEI-S332 and sister-chromatid cohesion by phosphorylation.
8:15-8:30  Anne Royou and William Sullivan. University of California, Santa Cruz, CA.
**BubR1 coated DNA-tethers mediate acentric chromosome segregation.**

8:30-8:45  William Gilliland, Stacie Hughes, Daniel Miller, Scott Hawley. Stowers Institute for Medical Research, Kansas City, MO.
**Nonexchange chromosome congression in Drosophila female meiosis.**