

Greetings Incoming MCB Graduate Students!

Please mark your calendars and RSVP!

The Basic Sciences Division of Fred Hutchinson Cancer Research Center

Invites you all to our Fall Retreat

Date: Thursday, September 22, 2011

Time: *About 9:00 a.m. – 6:00 p.m. (more to come including transportation options)*

Location: Bell Harbor Conference Center
2211 Alaskan Way, Pier 66
Seattle, WA 98121
Phone: 206.441.6666
Seattle, WA 98109

<http://www.bellharbor.com/>

Come learn about the exciting scientific research of the Basic Sciences Division from a wide range of distinguished faculty.

Event includes:

Fascinating Science Talks, Poster Session, Lunch with faculty and graduate students, more fabulous Sciences Talks, and day end Reception!

Hope you can all participate in this excellent forum for learning about the many and varied research opportunities in the Basic Sciences Division. (helps with those rotation and thesis lab questions !)

Please RSVP by 8/22/11 to Michele Karantsavelos at mkarants@fhcrc.org or 206-667-6473

Basic Sciences Division Faculty

Sue Biggins, Ph.D.

Regulation of chromosome segregation

Jesse Bloom, Ph.D.

Molecular evolution of viruses and proteins

Robert Bradley, Ph.D.

Alternative splicing and RNA processing

Linda Breeden, Ph.D.

Cell division control in budding yeast

Linda Buck, Ph.D.

Odor and pheromones sensing in mammals

Bill Carter, Ph.D.

Cell adhesion and cell signaling in wound repair

Jon Cooper, Ph.D.

Signaling pathways in development and cancer

Bob Eisenman, Ph.D.

A transcription factor network regulating cell proliferation and differentiation

Michael Emerman, Ph.D.

HIV host cell interactions

Dan Gottschling, Ph.D.

Study of cellular aging processes

Mark Groudine, M.D., Ph.D.

Regulation of gene expression; chromatin structure; transcriptional activators

Steve Hahn, Ph.D.

Mechanism and regulation of transcription by RNA polymerases II and III

Steve Henikoff, Ph.D.

Chromosome structure and function

Harmit Malik, Ph.D.

Evolutionary and functional studies of genetic conflict

Dusty Miller, Ph.D.

Retrovirus and adeno-associated virus biology; human gene therapy; lung cancer

Cecilia Moens, Ph.D.

Patterning the vertebrate brain

Susan Parkhurst, Ph.D.

Regulatory mechanisms governing early *Drosophila* development

Catherine Peichel, Ph.D.

Genetic analysis of morphological and behavioral evolution in the threespine stickleback

Jim Priess, Ph.D.

Genetic and molecular analysis of early *Caenorhabditis Elegans* development.

Jim Roberts, M.D., Ph.D.

Regulation of cell proliferation

Larry Rohrschneider, Ph.D.

Regulation of normal and neoplastic hematopoietic cell development by the *C-fms* proto-oncogene.

Mark Roth, Ph.D.

Metabolic Flexibility and Suspended Animation

Wenying Shou, Ph.D.

By quantitatively examining evolving biological networks, we want to understand how changes in mechanisms operating at one scale modify behavior at a different scale.

Gerry Smith, Ph.D.

Recombination and DNA break repair: mechanism and control

Barry Stoddard, Ph.D.

X-Ray crystallographic and biochemical studies of protein structure and function

Roland Strong, Ph.D.

Structural molecular immunology

Toshio Tsukiyama, D.V.M., Ph.D.

Molecular analysis of the ATP-dependent chromatin remodeling factors

Valeri Vasioukhin, Ph.D.

Cell polarity and cell adhesion in mammalian development and cancer