SCIENTIFIC PROGRAM

36th Annual International Asilomar Chromatin & Chromosomes Conference

December 11-14, 2014
Asilomar Conference Grounds
Pacific Grove, CA

Organizers:
Mike Goldman, San Francisco State University
Cynthia McMurray, Lawrence Berkeley National Lab
Sally Pacion, San Francisco State University

Special thanks to our sponsors
Sunrise Science Products
SF State Department of Biology
Meeting Reminders
All meeting sessions, socials, refreshments will be in Scripps.

ALL SPEAKERS: Please plan your talks to be 20 min in length (allow for a 20
minute presentation + 5 additional minutes for questions)

Soft drinks, beer, wine, and snacks will be served in the meeting room (Scripps) by
Asilomar personnel from 8-11 pm on Thursday-Saturday nights.

Please e-mail Mike Goldman (goldman@sfsu.edu) or Chris Nelson (cjn@uvic.ca) an
electronic copy of your abstract for publication in a special issue of BIOCHEMISTRY
AND CELL BIOLOGY (or e-mail it to Mike Goldman immediately after the meeting).
Please e-mail the abstract NO LATER THAN FEBRUARY 1, 2015.

THANKS TO OUR 2014 ASILOMAR CHROMATIN &
CHROMOSOMES CONFERENCE SPONSORS!
OPENING DINNER:
Thursday, December 11, 2014: 6:00 pm – 7:00 pm

Schedule of Talks
Thursday, December 11, 2014: 7:30 pm – 9:00 pm

7:30- 7:40 pm
Welcome!

CHROMATIN MODIFICATION
Mike Goldman, Chairperson

Alyssa Kirlin
University of British Columbia
From structure to function: Insights into Yaf9's role in chromatin modifying complexes

Anup Kumar Singh
The University of Texas MD Anderson Cancer Center
Role of ZBTB24 in DNA methylation

Refreshments are available between 8-11 PM in the meeting room

Friday, December 12, 2014: 9:30 am – 11:45 am

GENOME INTEGRITY
Michael Hendzel, Chairperson

Michael Hendzel
University of Alberta
ATM compartmentalization and histone H2AX phosphorylation after induction of DNA double-strand breaks
Brett Spatola
University of Southern California
Spatial and temporal dynamics of heterochromatic DSB repair: novel role of nuclear periphery

Mirit Aladjem
Center for Cancer Research/National Cancer Institute
Flexibility and Redundancy in DNA Replication: Role of Chromatin

Dinner 6:00 pm – 7:00 pm

Friday, December 12, 2014: 7:15 pm – 9:15 pm

CHROMATIN STRUCTURE - I
Philippe Georgel, Chairperson

Philippe Georgel
Marshall University
A disease phenotype in the mouse sublingual gland involves aberrant redundancy of the two highly-conserved chromatin remodelers

Sally Pasion
San Francisco State University
Chromatin association of fission yeast replication protein, Cdc24

Victoria Suárez Ulloa
Florida International University
Mussel chromatin as sentinel of the sea; an inter-validated multiple approach to identify epigenetic biomarkers of genotoxicity during red tides

Refreshments are available between 8-11 PM in the meeting room
Saturday, December 13, 2014: 9:30 am – 11:45 am

CHROMATIN REGULATION

Chris Nelson, Chairperson

Chris Nelson
University of Victoria
Chromatin regulation by FKBP prolyl-isomerase enzymes

Cynthia McMurray
Lawrence Berkeley National Laboratory
TBA

Luciano Brocchieri
University of Florida
Sequence and structural correlates of ribosome-footprint distribution in *Pseudomonas aeruginosa*

Dinner 6:00 pm – 7:00 pm

Saturday, December 13, 2014: 7:15 pm – 9:15 pm

CHROMATIN STRUCTURE – II

Cynthia McMurray, Chairperson

Patrick Ferree
The Claremont Colleges
Heterochromatin position effects and lethal circularized sex chromosomes

Archana Dhasarathy
University of North Dakota
Pausing at a Snail's pace: RNA polymerase pausing at the Snail genes.

Brett Schofield
University of California, Berkeley
Satb1 as traffic cop - changing the path of molecular diffusion in the nucleus

*Refreshments are available between 8-11 PM in the meeting room*