



ASILOMAR

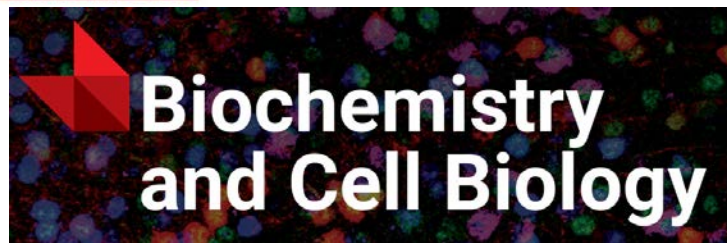
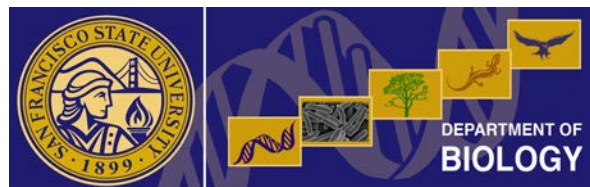
chromatin

SCIENTIFIC PROGRAM

Asilomar Chromatin, Chromosomes and Epigenetics Conference

December 12th-15th, 2019, Pacific Grove CA

asilomarchromatin.com



CONFERENCE GUIDELINES

Check-in/out: Please check with the Asilomar staff in the **Social Hall** (see E5 in attached map) to get/return your room keys, meal tickets and lodging information. Check-out time from the Asilomar rooms is **11:00 am on Sunday, Dec 15.**

All **meeting sessions**, including coffee breaks, socials and refreshments, will take place in the **Scripps Room** in the Asilomar Conference Grounds (see C4 in attached map).

SPEAKERS: Please plan your talks to be 20-minute length (we are allowing for a 15-minute presentation + 5 additional minutes for questions).

Breakfast, Lunch and Dinner will take place in the **Crocker Dining Hall** (see F6 in attached map) in the Asilomar Conference Grounds.

Breakfast 7:30 am - 9:00 am | Lunch 12:00 pm - 1:00 pm | Dinner 6:00 pm - 7:00 pm

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

BOX LUNCHESES will be available for pick up on **Sunday, Dec 15, during breakfast in Crocker Dining Hall.**

Participants are expected to behave as professionals at all times. We hold our colleagues to the highest anti-bullying, anti-harassment, inclusivity, and academic integrity standards. Please keep in mind that other groups are using the Asilomar facilities, and that there are neighbors in residences nearby.

2019 ACCEC Organizing Committee

Philippe Georgel	Marshall University
Mike Goldman	San Francisco State University
Christopher Eskiw	University of Saskatchewan
Sally Pasion	San Francisco State University
Juan Ausió	University of Victoria

2019 ACCEC Sponsors

Biochemistry and Cell Biology	cdnsiencepub.com/bcb
Sunrise Science Products	sunrisescience.com
San Francisco State University, Dept. of Biology	biology.sfsu.edu

OPENING DINNER

6:00 pm – 7:00 pm Crocker Dining Hall

EVENING SESSION

7:30 pm – 7:40 pm Welcome & Conference Reminders

7:40 pm – 8:00 pm *In memoriam: Dr. Ken van Holde*

SESSION 1: TRANSCRIPTION, REPLICATION AND REPAIR

Chairperson: Sally Pasion, *San Francisco State University*

8:00 pm – 8:45 pm **KEYNOTE**

Protein phosphatases and histone variants: new regulators of heterochromatin maintenance

Paola Vagnarelli, *Brunel University*

8:45 pm – 8:55 pm **Break**

8:55 pm – 9:20pm **Genetic interaction between fission yeast replication proteins Cdc24 and PCNA**

Sally Pasion, *San Francisco State University*

9:20 pm – 9:45 pm **Transcription factor binding site diversity is required and sufficient for enhancer activity in pluripotent stem cells.**

Jennifer Mitchell, *University of Toronto*

9:45 pm – 11:00 pm **Evening Mixer (refreshments will be served)**

BREAKFAST

7:30 am – 9:00 am Crocker Dining Hall

MORNING SESSION

SESSION 2: EPIGENETICS, CELL DIFFERENTIATION AND DISEASE

Chairperson: Michael Goldman, *San Francisco State University*

9:15 am – 9:40 am **A role for omega-3 fatty acids in the treatment of diffuse large B-cell lymphoma**

Tanner Bakhshi, *Marshall University*

9:40 am- 10:05 am **Mechanisms Controlling Immune Priming in *Drosophila melanogaster***

Kevin Cabrera, *UC Irvine*

10:05 am - 10:30 am **MeCP2 and its multiple dancing partners.**

Philippe Georgel, *Marshall University*

10:30 am - 10:50 am **Coffee Break**

10:50 am - 11:15 am **Histone H4 variant, H4G looses the nucleoli chromatin structure in breast cancer cells**

Toyotaka Ishibashi, *Hong Kong University of Science and Technology*

11:15 am - 11:40 am **The Epigenetic Regulators involved in Facioscapulohumeral Muscular Dystrophy**

Nam Nguyen, *UC Irvine*

11:40 am - 12:05 pm **The Effects of the Lyme Disease Pathogen, *Borrelia burgdorferi*, on the Human Astrocyte Epigenome**

Derick Thompson, *University of North Dakota*

FREE TIME ON YOUR OWN Friday afternoon and evening

Discover Carmel, Point Lobos, and its surroundings.

LUNCH

12:00 pm – 1:00 pm Crocker Dining Hall

DINNER

6:00 pm – 7:00 pm Crocker Dining Hall

BREAKFAST

7:30 am – 9:00 am Crocker Dining Hall

MORNING SESSION

SESSION 3A: NUCLEAR AND GENOME ORGANIZATION

Chairperson: Christopher Eskiw, *University of Saskatchewan*

9:15 am – 10:00 am **KEYNOTE**

lncRNAs at the nexus of chromatin landscape and 3D organization

Josée Dostie, *McGill University*

10:00 am - 10:25 am **Enhancer-Promoter Contact in the Sox2 locus is maintained by multiple CTCF independent transcription factor bound region**
Tiegh Taylor, *University of Toronto*

10:25 am - 10:45 am **Coffee Break**

10:45 am - 11:10 am **Development of a yeast model of Progeria**
Troy Harkness, *University of Saskatchewan*

11:10 am - 11:35 am **Do parasitic B chromosomes achieve super-Mendelian transmission frequencies through active or passive means?**
Patrick Ferree, *W.M. Keck Science Center*

LUNCH

12:00 pm - 1:00 pm Crocker Dining Hall

FREE TIME ON YOUR OWN

1:00 pm - 6:00 pm Discover Carmel, Point Lobos, and its surroundings.

DINNER

6:00 pm - 7:00 pm Crocker Dining Hall

EVENING SESSION

SESSION 3B: NUCLEAR AND GENOME ORGANIZATION

Chairperson: Juan Ausió, *University of Victoria*

- 7:30 pm - 7:55 pm **Characterization of nucleosome-depleted regions of Transcriptionally Active Chromatin in Chicken and Human Genome**
Tasnim H. Beacon, *University of Manitoba*
- 7:55 pm - 7:20 pm **H4R3me2a and H3R2me2s landscapes in chicken polychromatic erythrocytes**
Jim Davie, *University of Manitoba*
- 7:20 pm - 7:45 pm **Investigation of human testis-specific histone variant H2BFW**
Dongbo Ding, *Hong Kong University of Science and Technology*
- 7:45 pm - 8:10 pm **Clearing protein accumulations to promote genomic health**
Christopher Eskiw, *University of Saskatchewan*
- 8:10 pm - 8:30 pm **Business discussion for 2019: topics/themes, key note speaker, mailing list, sponsor ideas, format for the meeting**
- 8:30 pm - 8:40 pm **Closing Remarks**
- 8:40 pm - 11:00 pm **Evening Mixer (refreshments will be served)**

Sunday, December 15th, 2019

BREAKFAST

7:30 am - 9:00 am Crocker Dining Hall

BOX LUNCHESES will be available for pick up **during Breakfast at Crocker Dining Hall.**

DEPARTURE (check-out time is 11 am)

Asilomar Conference Center Map

