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 LUNCHES** 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 cdnsciencepub.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)
Friday, December 13th, 2019

**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

IncRNAs 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)
BREKFAST

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

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

DEPARTURE (check-out time is 11 am)