



# ASILOMAR

chromatin

## SCIENTIFIC PROGRAM

**Asilomar Chromatin, Chromosomes and Epigenetics Conference**

December 7-10, 2017, Pacific Grove CA

[asilomarchromatin.com](http://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 12/10**.

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 **25 min** in length (we are allowing for a 25-min presentation + 5 additional min 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-Saturday nights**.

**BOX LUNCHESES** will be available for pick up **on Sunday 12/10 from during breakfast in Crocker Dining Hall**.

### **2017 ACCEC Organizing Committee**

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

### **2017 ACCEC Sponsors**

San Francisco State University, Dept. of Biology    [biology.sfsu.edu](http://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

**SESSION 1: TRANSCRIPTION, REPLICATION, AND DNA REPAIR**

Chairperson: Sally Pasion, *San Francisco State University*

7:40 pm – 8:10 pm **Chromatin interacting proteins modulate replication initiation events at replication origins**  
Mirit Aladjem, *National Cancer Institute/NIH*

8:10 pm – 8:40 pm **BET inhibitors block the Epstein-Barr virus lytic cycle at two distinct steps**  
JJ Miranda, *UCSF*

**8:40 pm – 8:55 pm Break**

8:55 pm – 9:25 pm **Metformin alters H2A.Z dynamics and regulates prostate cancer progression**  
Monica Tyagi, *University of Victoria*

9:25 pm – 9:55 pm **The Cds1 dosage growth defect in fission yeast *cdc24* depends on the FEN1 homolog, Rad2**  
Sally Pasion, *San Francisco State University*

9:55 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: Philippe Georgel, *Marshall University*

9:15 am – 9:45 am **Limited topological associated domain re-organization occurs in normal dermal fibroblasts responding to quiescence induction or rapamycin treatment**

Joshua Pickering, *University of Saskatchewan*

9:45 am – 10:15 am **Effects of opioid abuse potentially mediated by epigenetic histone modifications**

Tanner Bakhshi, *Marshall University*

**10:15 am – 10:30 am Coffee Break**

10:30 am – 11:00 am **Disruption of nutrient sensing at different points has significantly different effects on genome function**

Christopher Eskiw, *University of Saskatchewan*

11:00 am – 11:30 am **A novel interaction between chromatin remodelers leads to aberrant splicing activity resulting in disruption of the sublingual gland mucous phenotype**

Philippe Georgel, *Marshall University*

11:30 am – 12:00 pm **Nonlinear science of transcription regulation**

Alexandre Erkine, *Butler University*

**LUNCH**

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

**FREE TIME ON YOUR OWN**

1:00 pm – 6:00 pm Discover Pacific Grove and its surroundings

**DINNER**

6:00 pm – 7:00 pm Crocker Dining Hall

**EVENING SESSION**

**SESSION 3: TELOMERES, CENTROMERES, AND NUCLEAR ORGANIZATION**

Chairperson: Christopher Eskiw, *University of Saskatchewan*

7:30 pm – 8:00 pm **Ultrastructural analysis of chromatin domains and chromatin intermixing**

Zachary Belak, *University of Saskatchewan*

8:00 pm – 8:30 pm **Centromere independent mechanisms of chromosome segregation**

Hannah Vicars, *University of California Santa Cruz*

**8:30 pm – 8:45 pm Break**

8:45 pm – 9:15 pm **Nucleoporin-mediated chromatin structure and gene regulation**

Eda Yildirim, *Duke University*

9:15 pm – 9:45 pm **Telomere repeats induce domains of H3K27 methylation in *Neurospora***

Kevin McNaught, *University of Oregon*

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

**BREAKFAST**

7:30 am – 9:00 am Crocker Dining Hall

9:00 am – 12:00 pm Discover Pacific Grove and its surroundings

**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 4: CHROMATIN REMODELERS AND HISTONE VARIANTS**

Chairperson: Juan Ausió, *University of Victoria*

- 7:30 pm – 8:00 pm **Transcription-coupled repair rate differences between Giemsa-light and Giemsa-dark band DNA**  
Gerald Holmquist, *City of Hope Medical Center*
- 8:00 pm – 8:30 pm **Converting H2A into H2A.Z: assessing the differences between a canonical and variant histone**  
Hillary Brewis, *University of British Columbia*
- 8:30 pm – 8:45 pm Break**
- 8:45 pm – 9:15 pm **Structural analysis of the INO80 chromatin remodeling complex**  
Somnath Paul, *University of Texas M.D. Anderson*
- 9:15 pm – 9:45 pm **The N-terminus of Arp8 is important for proper positioning of the ATPase domain of INO80**  
Mzwanele Ngubo, *University of Texas M.D. Anderson*
- 9:45 pm **Closing Remarks**
- 10:00 pm – 11:00 pm **Evening Mixer (refreshments will be served)**

**Sunday December 10<sup>th</sup>, 2017**

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**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)**



MEETING ROOMS	LODGING	MEETING ROOMS
B4 Acacia	F2 Afterglow Rooms 1300-1312	B4 Human Resources
D5 Chapel Auditorium	C5 Breakers East Rooms 821-832	D5 Chapel
C4 Curlew	C5 Breakers West Rooms 833-840	C4 Curlew
F1 Evergreen	H5 Cypress Rooms 717-724	F1 Evergreen
E2 Fred Farr Forum	H3 Deer Lodge Rooms 1021-1030	E2 Heather
C4 Heather	C3 Director's Cottage	C4 Heather
E2 Klin	F2 Ember's Rooms 1315-1324	E2 Klin
G3 Madrone	G3 Engineer's Cottage	G3 Madrone
B4 Manzanita I & II	F1 Forest Lodge Rooms 1202-1211	B4 Manzanita I & II
D4 Marlin	F2 Guest Inn Rooms 901-903	D4 Marlin
Merrill Hall	F1 Hearth Rooms 1325-1336	Merrill Hall
Nautilus	G3 Live Oak Rooms 101-100	Nautilus
H4 Oak Knoll I & II	D4 Lodge Rooms 201-218	H4 Oak Knoll I & II
C4 Oak Shelter	A3 Long View North Rooms 101-100	C4 Oak Shelter
C6 Sanderling	A3 Long View Middle Rooms 11-120	C6 Sanderling
D4 Scripps	A3 Long View South Rooms 121-130	D4 Scripps
G5 Surf & Sand	B4 Manzanita Rooms 1001-1012	G5 Surf & Sand
G5 Troyon	C4 Oak Knoll Rooms 1018-1024	G5 Troyon
H4 Triton	G5 Pirates' Den Rooms 501-510	H4 Triton
Willow I & II	G6 Sand Rooms 605-610	Willow I & II
Whitehead	D4 Scripps Rooms 301-323	Whitehead
<b>OTHER</b>	H5 Shores Rooms 709-716	<b>OTHER</b>
BBQ Area	C5 Spindrift North Rooms 849-856	BBQ Area
Crocker Dining Hall	C6 Spindrift South Rooms 841-848	Crocker Dining Hall
Fire Pits	F4 Stuck-up Inn Rooms 401-414	Fire Pits
Guest Check-In	H6 Surf Rooms 601-604	Guest Check-In
Hearst Social Hall	H3 Tree Tops Rooms 111-120	Hearst Social Hall
Human Resources	C5 Whitecaps North Rooms 809-820	Human Resources
Meditation Space	D5 Whitecaps South Rooms 801-808	Meditation Space
Mok Training Center	B4 Willow Inn Rooms 1025-1036	Mok Training Center
Park Ranger Office	H5 Windward Rooms 701-708	Park Ranger Office
Park Store	G1 Woodside Rooms 1212-1223	Park Store
Phoebe's Cafe		Phoebe's Cafe
Seascape		Seascape
Swimming Pool		Swimming Pool
Group Sales		Group Sales
Viewpoint		Viewpoint
Volleyball Court		Volleyball Court
Woodlands		Woodlands
Yoga Room		Yoga Room
<b>PARKING LOTS</b>		<b>PARKING LOTS</b>
Parking Lot A		Parking Lot A
Parking Lot B		Parking Lot B
Parking Lot C		Parking Lot C
Parking Lot D		Parking Lot D
Parking Lot E		Parking Lot E
Parking Lot F		Parking Lot F
Parking Lot G		Parking Lot G
Parking Lot H		Parking Lot H
Parking Lot I		Parking Lot I
Parking Lot J		Parking Lot J
Parking Lot K		Parking Lot K
Parking Lot L		Parking Lot L
Parking Lot M		Parking Lot M
Parking Lot N		Parking Lot N
Parking Lot P		Parking Lot P

