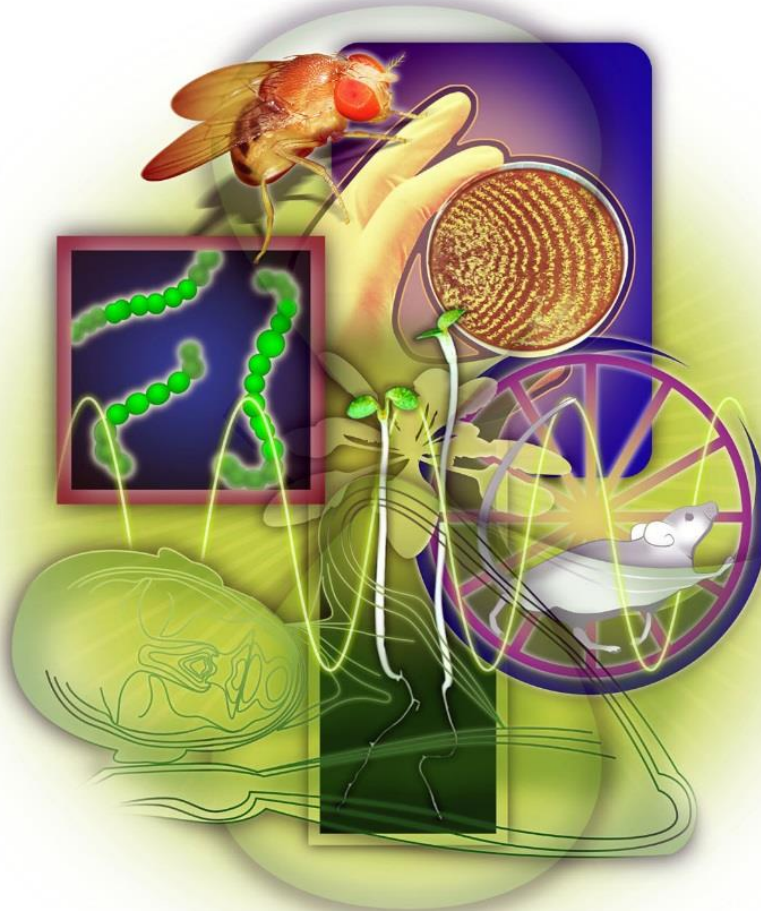


9th Annual Center for Circadian Biology Symposium

“From Cells to Clinic”

February 13-15, 2019

UC San Diego



An exciting event and opportunity

The 9th Annual "From Cells to Clinic" Symposium, hosted by the *Center for Circadian Biology (CCB)*, at University of California, San Diego. It will bring together over 150 of the world's leading researchers in the field of biological timing to San Diego and the UC San Diego campus for a 3-day symposium in February.

The mission of the Center for Circadian Biology is to advance leading-edge research in circadian biology that will have dramatic and lasting impacts on improving human health, the environment and the economy. Our aim is to establish UC San Diego and Torrey Pines Mesa as the premier international center of academic excellence in circadian research.

The "From Cells to Clinic" Symposium provides an unparalleled breadth and depth of leading-edge research and groundbreaking biological timing discoveries in plants, animals and humans, and spans molecular biology to clinical applications. By sponsoring, you will join the Who's Who in circadian research in this exciting venture and help us invent the future.

To become a sponsor or learn more, please see the next page or visit our website: ccb.ucsd.edu

Contact: Terry Peters – tpeters@ucsd.edu, (858) 534-7753

ATOMIC CLOCK SPONSOR - \$15,000

- Sponsor company logo & hyperlink on symposium and health workshop websites
- 6 complimentary registrations, includes validated free parking
- Sponsorship acknowledgement before session introductions
- Complimentary table in symposium and/or health workshop venue
- Acknowledgement in symposium program, health workshop, and media materials

BIG BEN SPONSOR - \$10,000

- Sponsor company logo & hyperlink on symposium and health workshop websites
- 5 complimentary registrations, includes validated free parking
- Sponsorship acknowledgement before session introductions
- Complimentary table in symposium or health workshop venue
- Acknowledgement in symposium program, health workshop, and media materials

GRANDFATHER CLOCK SPONSOR - \$5,000

- Sponsor company logo & hyperlink on symposium and health workshop websites
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- Complimentary table in symposium or health workshop venue
- Acknowledgement in symposium program, health workshop, and media materials

SUNDIAL SPONSOR - \$2,500

- Sponsor company logo & hyperlink on symposium and health workshop websites
- 2 complimentary symposium registrations, includes validated free parking
- Sponsorship acknowledgement before session introductions
- Complimentary table in symposium or health workshop venue
- Acknowledgement in symposium program, health workshop, and media materials

CCB COMMUNITY SUPPORTER - \$200-\$4,000

- **\$4,000** - Sponsor VIP dinner
- **\$3,000** - Sponsor speakers reception
- **\$2,000** - Sponsor poster prize session
- **\$1,000** - Sponsor a closing banquet table
- **\$200** - Scholarship for Student/Trainee to attend the symposium

To become a sponsor contact: **Terry Peters** – tpeters@ucsd.edu, (858) 534-7753

(See symposium schedule next page)

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Sanford Consortium • UC San Diego Campus

WEDNESDAY – February 13

Session I: *Cells & Circuits* 1:15 pm – 4:30 pm

Moderator: Susan Golden (UC San Diego)

- 1:15-1:30 • **Susan Golden** (UC San Diego) – Welcome Intro
- 1:30-2:10 • **Susan Cohen** (California State University, Los Angeles) – Roles for regulated proteolysis in the cyanobacterial circadian clock
- 2:10-2:50 • **Susan Harbison** (National Heart, Lung, and Blood Institute) – Circadian rhythms and sleep in *Drosophila*: Insights from a systems genetics approach
- 2:50-3:10 • **Break**
- 3:10-3:50 • **Himanshu Mishra** (UC San Diego) – **Fall Workshop CCB Trainee, 2018 First Place Winner** – Modeling neuronal circadian rhythms in bipolar disorder using human induced pluripotent stem cells
- 3:50-4:30 • **Joseph Takahashi** (UT Southwestern Medical Center) – Importance of circadian timing in aging and longevity

THURSDAY – February 14

8:30-9:00 • **Breakfast Refreshments – Sanford Consortium Courtyard**

Session II: *Pacemakers & Networks* 9:00 am – 12 noon

Moderator: David Welsh (UC San Diego)

- 9:00-9:40 • **Gloria Coruzzi** (New York University) – The 4th dimension of transcriptional networks: TIME
- 9:40-10:20 • **Jun Yan** (Chinese Academy of Sciences, Shanghai) – Single-cell reconstruction of the mammalian circadian pacemaker
- 10:20-10:40 • **Break**
- 10:40-11:20 • **Karen Gamble** (University of Alabama School of Medicine) – Circadian regulation of neurophysiology: Implications for neurodegenerative disease
- 11:20-12:00 • **Julie Pendergast** (University of Kentucky) – Estrogen regulates daily metabolic rhythms underlying diet-induced obesity
- 12:00-1:00 • **Buffet Lunch – Sanford Consortium Courtyard**

Special Session: 1:00 pm – 2:00 pm

Moderator: Satchin Panda (Salk Institute for Biological Studies)

- 1:00-2:00 • **Joanne Chory** (Salk Institute for Biological Studies) – Fifty shades of shade: How plants respond to dynamic changes in their light environment

Poster Session: 2:00 pm – 4:00 pm – *Lobby of the Sanford Consortium*



FRIDAY – February 15

8:30-9:00 • ***Breakfast Refreshments – Sanford Consortium Courtyard***

Session III: *Inputs & Outputs* – 9:00 am – 12 noon

Moderator: Michael McCarthy (UC San Diego)

- 9:00-9:40** • **Brian Crane** (Cornell University) – Mechanisms of circadian clock entrainment by flavoprotein photosensors
- 9:40-10:20** • **Travis Longcore** (University of Southern California) – How bright (and what color) the night? Measuring and analyzing the artificial light exposome from habitat to home
- 10:20-10:40** • ***Break***
- 10:40-11:20** • **David Blask** (Tulane University School of Medicine) – Circadian time-of-day-dependent ocular light exposure: Bad and good consequences for cancer metabolism, progression and therapeutic responsiveness
- 11:20-12:00** • **Samer Hattar** (National Institute of Mental Health) – On light and mood
- 12:00-1:30** • ***Buffet Lunch – Sanford Consortium Courtyard***

Session IV: *From Lab to Clinic* – 1:30 pm – 4:30 pm

Moderator: Bill Joiner (UC San Diego)

- 1:30-2:10** • **Richa Saxena** (Harvard Medical School) – Impact of circadian rhythms and sleep on cardio-metabolic health: insights from genetics
- 2:10-2:50** • **Céline Vetter** (University of Colorado Boulder) – Sleep, rhythms, and cardio-metabolic health: From cohort data to the field and back
- 2:50-3:10** • ***Break***
- 3:10-3:50** • **Ruth Benca** (UC Irvine) – Sleep, rhythms and suicide
- 3:50-4:30** • **Thomas Burris** (Washington University School of Medicine & St. Louis College of Pharmacy) – Targeting the molecular clock as a treatment for Alzheimer’s Disease

Banquet Dinner & Concluding Remarks: 5:00 pm – 8:00 pm

Moderator: Stu Brody (UC San Diego)

- 5:00-6:00** • **Reception**
- 6:00-7:00** • **Michael Young** (The Rockefeller University) – Genetic studies of delayed sleep phase disorder
- 6:00-8:00** • **Banquet Dinner** (The Great Hall, UC San Diego)