

# 8<sup>th</sup> Annual UCSD Center for Circadian Biology Symposium

## *“From Cells to Clinic”*

February 15-17, 2017



### **An exciting event and opportunity**

The 8th Annual "From Cells to Clinic" Symposium is hosted by the Center for Circadian Biology (CCB), at the 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 UCSD campus for a 3-day symposium in February, 2017.

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 2017 "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 the 8th Annual "From Cells to Clinic" Symposium, 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](http://ccb.ucsd.edu)

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

### **ATOMIC CLOCK SPONSOR - \$15,000**

- Sponsor company logo & hyperlink on symposium and sleep workshop websites
- 6 complimentary registrations, includes validated free parking
- Sponsorship acknowledgement before session introductions
- Complimentary table in symposium and/or sleep workshop venue
- Full-page ad in symposium program and acknowledgement in all symposium or sleep workshop media materials
- List of attendees

### **BIG BEN SPONSOR - \$10,000**

- Sponsor company logo & hyperlink on symposium and sleep workshop websites
- 5 complimentary registrations, includes validated free parking
- Sponsorship acknowledgement before session introductions
- Complimentary table in symposium or sleep workshop venue
- Half-page ad in symposium program and acknowledgement in all symposium or sleep workshop media materials
- List of attendees

### **GRANDFATHER CLOCK SPONSOR - \$3,000-\$5,000**

- Sponsor company logo & hyperlink on symposium and sleep workshop websites
- 3 complimentary symposium registrations, includes validated free parking
- Sponsorship acknowledgement before session introductions
- Complimentary table in symposium or sleep workshop venue
- Half-page ad in symposium program and acknowledgement in all symposium or sleep workshop media materials
- List of attendees

### **SUNDIAL SPONSOR - \$2,000**

- Sponsor company logo & hyperlink on symposium and sleep workshop websites
- 2 complimentary symposium registrations, includes validated free parking
- Sponsorship acknowledgement before session introductions
- Complimentary table in symposium or sleep workshop venue
- ¼-page acknowledgement on symposium or sleep workshop program
- List of attendees

### **HOURLASS SPONSOR - \$1,000**

- 1 complimentary symposium registration and parking
- Acknowledgement on symposium and sleep workshop websites
- Supporter listing in symposium or sleep workshop program

### **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 sleep workshop or symposium

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Sanford Consortium • UCSD Campus

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### WEDNESDAY – February 15

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

Moderator: Katja Lamia (The Scripps Research Institute)

**Susan Golden** (UC San Diego) – *Opening remarks*

**Ronald Evans** (Salk Institute for Biological Studies) – *Nuclear receptors and circadian rhythm: AMP'ing up the clock*

**Marcelo Yanovsky** (Institute Leloir Buenos Aires, Argentina) – *How plants measure time and why that matters*

**Jerome Menet** (Texas A&M University) – *Regulation of rhythmic transcription by CLOCK:BMAL1 in the mouse*

**Amir Zarrinpar** (UC San Diego) – *Circadian dynamics of the gut microbiome*

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### THURSDAY – February 16

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

Moderator: Erica Schoeller (UC San Diego)

**Carrie Partch** (UC Santa Cruz) – *Cloak and dagger signaling tactics in the cyanobacterial circadian clock*

**Davide Dulcis** (UC San Diego) – *Mechanism of light-induced neurotransmitter plasticity affecting behavior*

**Johanna Meijer** (Leiden University, Netherlands) – *Principles of circadian timing in nocturnal and diurnal mammals*

**David Welsh** (UC San Diego) – *Circadian clocks in fibroblast and mouse models of mood disorders*

**Buffet Lunch: 12:00 pm – 1:00 pm – Sanford Consortium Courtyard**

Special Session: *Emerging Technologies* – 1:00 pm – 2:00 pm

Moderator: Thijs Walbeek (UC San Diego)

**Todd Coleman** (UC San Diego) – *The future of health care: Medical tattoos and wearable electronics - Research on aging*

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

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**FRIDAY – February 17**

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

**Moderator: Michael Gorman** (UC San Diego)

**Alicia Michael** (UC Santa Cruz) – Fall Workshop CCB Trainee, 2016 First Place Winner - *Molecular clockwork: integrative approaches unveil the first picture of a critical circadian transcriptional repressive complex*

**Lance Kriegsfeld** (UC Berkeley) – *Interactions between the circadian and neuroendocrine systems in female reproductive health*

**Christine Merlin** (Texas A&M University) – *Clock control of daily and seasonal rhythms in the monarch butterfly*

**Dorothy Sears** (UC San Diego) – *Translational impact of food intake timing on cardiometabolic disease and cancer risk*

**Buffet Lunch: 12:00 pm – 1:30 pm – Sanford Consortium Courtyard**

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

**Moderator: Sonia Ancoli-Israel** (UC San Diego)

**George Brainard** (Thomas Jefferson University) – *Human circadian phototransduction: From the International Space Station to cancer risk*

**Ying-Hui Fu** (UC San Francisco) – *What makes people morning larks*

**Kenneth Wright** (University of Colorado Boulder) – *Circadian entrainment to the natural light-dark cycle across seasons and the weekend*

**Charles Czeisler** (Harvard Medical School) – *Circadian clocks, artificial light, sleep and health*

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**FRIDAY – February 17**

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

**Moderator: David Welsh** (UC San Diego)

**William Schwartz** (University of Texas at Austin, Dell Medical School) – *Not forgotten: A tribute to two broad-shouldered chronobiologists*