

8th Annual UCSD Center for Circadian Biology Symposium

“From Cells to Clinic”

February 15-17, 2017

Sanford Consortium • UCSD Campus

WEDNESDAY – February 15

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

Moderator: Katja Lamia (The Scripps Research Institute)

- 1:15-1:20 • Susan Golden (UC San Diego) – *Welcome Intro*
 - 1:20-1:30 • Sandra Brown (UC San Diego) – *Opening Remarks*
 - 1:30-2:10 • Ronald Evans (Salk Institute for Biological Studies) – *Nuclear receptors and circadian rhythm: AMP'ing up the clock*
 - 2:10-2:50 • Marcelo Yanovsky (Institute Leloir Buenos Aires, Argentina) – *How plants measure time and why that matters*
 - 2:50-3:10 • **Break**
 - 3:10-3:50 • Jerome Menet (Texas A&M University) – *Regulation of rhythmic transcription by CLOCK:BMAL1 in the mouse*
 - 3:50-4:30 • Amir Zarrinpar (UC San Diego) – *Circadian dynamics of the gut microbiome*
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THURSDAY – February 16

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

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

Moderator: Erica Schoeller (UC San Diego)

- 9:00-9:40 • Carrie Partch (UC Santa Cruz) – *Cloak and dagger signaling tactics in the cyanobacterial circadian clock*
- 9:40-10:20 • Davide Dulcis (UC San Diego) – *Mechanism of light-induced neurotransmitter plasticity affecting behavior*
- 10:20-10:40 • **Break**
- 10:40-11:20 • Johanna Meijer (Leiden University, Netherlands) – *Principles of circadian timing in nocturnal and diurnal mammals*
- 11:20-12:00 • David Welsh (UC San Diego) – *Circadian clocks in fibroblast and mouse models of mood disorders*
- 12:00-1:00 • **Buffet Lunch – Sanford Consortium Courtyard**

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

Moderator: Thijs Walbeek (UC San Diego)

- 1:00-2:00 • 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*



FRIDAY – February 17

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

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

Moderator: Michael Gorman (UC San Diego)

- 9:00-9:40** • **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*
- 9:40-10:20** • **Lance Kriegsfeld** (UC Berkeley) – *Interactions between the circadian and neuroendocrine systems in female reproductive health*
- 10:20-10:40** • **Break**
- 10:40-11:20** • **Christine Merlin** (Texas A&M University) – *Clock control of daily and seasonal rhythms in the monarch butterfly*
- 11:20-12:00** • **Dorothy Sears** (UC San Diego) – *Translational impact of food intake timing on cardiometabolic disease and cancer risk*
- 12:00-1:30** • **Buffet Lunch – Sanford Consortium Courtyard**

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

Moderator: Sonia Ancoli-Israel (UC San Diego)

- 1:30-2:10** • **George Brainard** (Thomas Jefferson University) – *Human circadian phototransduction: From the International Space Station to cancer risk*
- 2:10-2:50** • **Ying-Hui Fu** (UC San Francisco) – *What makes people morning larks*
- 2:50-3:10** • **Break**
- 3:10-3:50** • **Kenneth Wright** (University of Colorado Boulder) – *Circadian entrainment to the natural light-dark cycle across seasons and the weekend*
- 3:50-4:30** • **Charles Czeisler** (Harvard Medical School) – *Circadian clocks, artificial light, sleep and health*

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

Moderator: David Welsh (UC San Diego)

- 5:00-6:00** • **Reception**
- 6:00-7:00** • **William Schwartz** (University of Texas at Austin, Dell Medical School) – *Not forgotten: A tribute to two broad-shouldered chronobiologists*
- 6:00-8:00** • **Banquet Dinner** (Institute of Americas, Malamud Room)

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