



CCB Fall Workshop on Biological Timing

Telemedicine Bldg. Rooms 143/145 – UCSD School of Medicine Campus

Friday, November 16, 2012

8:30 *Continental Breakfast*

Session I: (9:00am - 10:30am) – Moderator: Satchin Panda

- 9:00 **Shubhroz Gill, Graduate Student in Panda Lab, Salk Institute** – An evidence-driven approach to studying human feeding behaviors
- 9:30 **Megumi Hatori, Postdoc in Panda Lab, Salk Institute** – Identification and in vivo functional analysis of small molecule compounds for melanopsin
- 10:00 **Hirota Tsuyoshi, Postdoc in Kay Lab, UCSD** – High-throughput screening approaches for understanding mammalian circadian clock mechanisms
- 10:30 *Break*

Session II: (10:45am - 12:30pm) – Moderator: David Welsh

- 10:45 **John Kelsoe, Professor of Psychiatry, UCSD** – Circadian clock genes in bipolar disorder
- 11:15 **Stephen Beesley, Postdoc in Welsh Lab, UCSD** – Clock gene and calcium rhythms in cardiomyocytes
- 11:45 **Arthur Prindle, Graduate Student in Hasty Lab, UCSD** – Engineered harmony for genetic clocks
- 12:15 **Susan Golden, Director of CCB, Professor of Molecular Biology, UCSD** – CCB and You
- 12:30 *Lunch*

Session III: (1:30pm – 3:00pm) – Moderator: Stu Brody

- 1:30 **Carrie Partch, Assistant Professor of Chemistry, UC Santa Cruz** – Exploring the structural basis for 24-hour timekeeping in mammals
- 2:00 **Joshua Gendron, Postdoc in Kay Lab, UCSD** – *Arabidopsis* circadian clock protein, TOC1, is a DNA-binding transcription factor
- 2:30 **Yong-Ick Kim, Postdoc in Golden Lab, UCSD** – Oxidized quinones signal onset of darkness directly to the cyanobacterial circadian oscillator
- 3:00 *Break*

Session IV: (3:15pm - 4:15pm) – Moderator: Michael Gorman

- 3:15 **Philip Bourne, Associate Vice Chancellor for Innovation and Industry Alliances, Professor of Pharmacology, UCSD** – Open access – It's not a matter of "If" only "When" and "How"
- 3:45 **Nick Spitzer, Professor of Neurobiology, UCSD** – Photoperiod-dependent transmitter switching in the adult brain regulates responses to stress: Lights off - I feel better now!
- 4:15 *Reception*