



CCB Fall Workshop on Biological Timing

15th Floor, Village West, Building 1, UC San Diego

Friday, November 2, 2018

8:30 Continental Breakfast

Session I: (9:00am – 10:30am)

Moderator: David Welsh

9:00 Horacio de la Iglesia (*Professor of Biology, University of Washington*) – Sleep: Lost and not found

9:30 Sabrina Hunt (*Postdoc in Carrie Partch lab, UC Santa Cruz*) – Molecular details of the PER2-casein kinase 1 delta interaction

10:00 Archana Chavan (*Postdoc in Andy LiWang lab, UC Merced*) – Clock signal transduction *in vitro*

10:30 Break

Session II: (10:45am – 12:15pm)

Moderator: Susan Golden

10:45 India Nichols (*Postdoc in Ketema Paul lab, UCLA*) – Nitroergic cells of the dorsal raphe nucleus encode information about stress and sleep

11:15 Ceazar Nave (*Graduate Student in Todd Holmes lab, UC Irvine*) – Investigating circadian disruption using real-time longitudinal imaging of the entire *Drosophila* circadian neural network

11:45 Zackary Cope (*Postdoc in Jared Young lab, UC San Diego*) – A mechanism underlying short-active photoperiod-induced depression-relevant behavior

12:15 Lunch

Session III: (1:15pm – 2:15pm)

Moderator: Michael McCarthy

1:15 Nan Hao (*Associate Professor of Molecular Biology, UC San Diego*) – Systems biology of single-cell aging: periodic silencing dynamics control cell aging

1:45 Himanshu Mishra (*Postdoc in Michael McCarthy lab, UC San Diego*) – Modeling neuronal circadian rhythms in bipolar disorder using human induced pluripotent stem cells

2:15 Break

Session IV: (2:30pm – 4:00pm)

Moderator: Katja Lamia

2:30 Manasi Das (*Postdoc in Nick Webster lab, UC San Diego*) – Time-restricted feeding attenuates breast cancer growth in mouse models of postmenopausal obesity

3:00 Megan Vaughan (*Graduate Student in Katja Lamia lab, Scripps Research*) – Regulation of the hypoxic response by cryptochromes

3:30 Erik Herzog (*Professor of Biology, Washington University in St. Louis*) – Clock cartography: mapping circadian connections and functions

Reception: (4:00pm – 6:00pm)

Happy hour, appetizers, and networking!