



# CCB Fall Workshop on Biological Timing

15<sup>th</sup> Floor, Village West, Building 1, UCSD

Friday, November 17, 2017

**8:30 Continental Breakfast**

**Session I: (9:00am – 10:30am)**

**Moderator: David Welsh**

**9:00 Antonio González Peña** (*Programmer Analyst, Knight Lab*) – Sleep restriction and the human microbiome: A meta-analysis, tools and methods

**9:30 Alessandra Porcu** (*Postdoc, Welsh Lab*) – Photoperiod-induced neurotransmitter switching in the suprachiasmatic nucleus

**10:00 Joel Heisler** (*Graduate Student, LiWang Lab, UC Merced*) – Real-time ticking of a biological clock, assembled in a test tube

**10:30 Break**

**Session II: (10:45am – 12:30pm)**

**Moderator: Thijs Walbeek**

**10:45 Lauren Whitehurst** (*Graduate Student, Mednick Lab, UC Riverside*) – Do psychostimulants enhance cognition in healthy adults?

**11:15 Karen Tonsfeldt** (*Postdoc, Mellon Lab*) – Exploring the effects of *Bmal1* knockout on female fertility

**11:45 Professional Development Panel – Dorothy Sears, Hanne Hoffmann, and Susan Cohen**

**12:30 Lunch**

**Session III: (1:30pm – 2:45pm)**

**Moderator: Sonia Ancoli-Israel**

**Opening remarks: Sandra Brown, Vice Chancellor for Research, UC San Diego**

**1:30 Ruth Benca** (*Chair of Psychiatry, UC Irvine*) – Sleep, aging and neurodegenerative disorders

**2:15 Gabriele Sulli** (*Postdoc, Panda Lab, Salk*) – Targeting of the circadian clock: a new way to treat cancer

**2:45 Break**

**Session IV: (3:00pm – 4:30pm)**

**Moderator: Dorothy Sears**

**3:00 Ketema Paul** (*Associate Professor, UCLA*) – *Bmal1* in skeletal muscle regulates resistance to sleep loss

**3:30 Mark Perelis** (*Postdoc, Yeo Lab*) – Mechanisms of tissue-specific circadian gene expression in the pancreas

**4:00 Lisa Baik** (*Graduate Student, Holmes Lab, UC Irvine*) – *Drosophila* circadian clock entrainment by novel phototransduction pathways and subsequent modulation of light-evoked behaviors

**Reception: (4:30pm – 6:00pm)**

Happy hour, appetizers, and networking!