



CCB Fall Workshop on Biological Timing

The Great Hall, UCSD

Thursday, November 10, 2016

8:30 Continental Breakfast

Session I: (9:00am – 10:30am) – Moderator: David Welsh

9:00 Yong-Gang Chang (*Postdoc in LiWang Lab, UC Merced*) – A dynamic day of a three-protein circadian clock

9:30 Eric Halgren (*Professor of Radiology, UCSD*) – Organization of memory replay in humans by sleep spindles and down-upstates

10:00 Tracey Hermanstyne (*Postdoc in Herzog & Nerbonne Labs, Washington University, St. Louis*) – Kv12-encoded K⁺ channels selectively regulate nighttime firing rates in the suprachiasmatic nucleus

10:30 Break

Session II: (10:45am – 12:15pm) – Moderator: Erica Schoeller

10:45 Anna Kriebs (*Graduate Student in Lamia Lab, The Scripps Research Institute*) – Characterizing cryptochrome interactions with nuclear receptors

11:15 Cindy Liu (*Graduate Student in Panda Lab, Salk*) – Melanopsin-expressing retinal ganglion cells and their inter-retinal circuitry

11:45 Professional Development Panel – Hanne Hoffmann and Michael McCarthy – Career advice and strategies for trainees

12:15 Lunch

Session III: (1:15pm – 2:45pm) – Moderator: Katja Lamia

1:15 Mitchell Lazar (*Professor in Diabetes and Metabolic Diseases, University of Pennsylvania*) – Nuclear receptor rev-erb alpha and the links between circadian rhythms and organismal metabolism

2:15 Alicia Michael (*Graduate Student in Partch Lab, UC Santa Cruz*) – Molecular clockwork: integrative approaches unveil the first picture of a critical circadian transcriptional repressive complex

2:45 Break

Session IV: (3:00pm – 4:30pm) – Moderator: Susan Golden

3:00 Andrew Patton (*Postdoc in Hastings Lab, Cambridge UK*) – Studying the SCN circuit in a dish

3:30 David Welkie (*Postdoc in Golden Lab, UCSD*) – Role of the cyanobacterial clock during day/night cycles

4:00 Xuan Zhao (*Postdoc in Evans Lab, Salk*) – No time to lose: New insights into circadian clock regulation

Reception: (4:30pm – 6:00pm)

Happy hour, appetizers, and networking!