

"Translation of Circadian Biology: Implications for the Clinic"

(co-sponsored by Penn Chronobiology Program and ITMAT)

(organized by Amita Sehgal, Ted Abel and Leszek Kubin)

University of Pennsylvania Perelman School of Medicine

November 11, 2015

Agenda

8:00 AM – **Breakfast/ Set up Posters**

9:00 AM - **Opening Remarks**

Jonathan A. Epstein, M.D. William Wikoff Smith Professor of Cardiovascular Research, Executive Vice Dean and Chief Scientific Officer

Session 1: Circadian Control of Metabolism

Chair: Thomas Jongens, Ph.D., Associate Professor of Genetics, University of Pennsylvania

9:15 AM - **John Hogenesch**, Ph.D, Professor, Ohio Eminent Scholar, University of Cincinnati

“Applications in Prospective Chronotherapy”

9:45 AM - **Mitch Lazar**, M.D, Ph.D, Sylvan H. Eisman Professor of Medicine and Genetics, Director, Institute of Diabetes, Obesity, and Metabolism, University of Pennsylvania.

“Rev-erb and the Coupling of Circadian Rhythms and Metabolism”

10:15 AM - **Joe Bass**, M.D, Ph.D, Charles F. Kettering Professor of Medicine, Chief of the Division of Endocrinology, Metabolism and Molecular Medicine, Northwestern University.

“Pancreatic Beta Cell Enhancers in Regulation of Circadian Insulin Secretion and Diabetes Risk”

10:45 AM - **Coffee Break**

Session 2: Clocks and Cancer

Chair: Leszek Kubin, Ph.D, Research Professor of Physiology, University of Pennsylvania

11:15 AM - **Chi Van Dang**, M.D, Ph.D, John H. Glick, M.D. Abramson Cancer Center Director's Professor, University of Pennsylvania.

"A Time for MYC, Metabolism and Cancer"

11:45 AM - **Marina Antoch**, Ph.D, Professor of Oncology, Department of Pharmacology & Therapeutics, Roswell Park Cancer Institute.

"Circadian Regulation of Inflammation and Carcinogenesis"

12:15-2:15 PM - **Lunch and Poster Session**

Session 3: Circadian Control of Inflammation and Cardiovascular Function

Chair: Sigrid C. Veasey, M.D., Professor of Medicine, University of Pennsylvania

2:15 PM - **Garret FitzGerald**, MD, Robert L. McNeil, Jr., Professor in Translational Medicine and Therapeutics. Director, the Institute for Translational Medicine and Therapeutics and Chair, Department of Systems Pharmacology and Translational Therapeutics, University of Pennsylvania.

"Peripheral Clocks in Cardiometabolic Function"

2:45 PM - **Andrew Loudon**, Ph.D, Beyer Professor of Animal Biology, School of Biological Sciences, University of Manchester.

"Inflammation, Innate Immunity and the Circadian Clock"

3:15 PM - **Coffee Break**

Session 4: Circadian Control of Neural Function and Behavior

Chair: David Dinges, Ph.D, Professor of Psychology in Psychiatry, Chief, Division of Sleep and Chronobiology, University of Pennsylvania

3:45 PM - **Joe Takahashi**, Ph.D, Loyd B. Sands Distinguished Chair in Neuroscience, Chair, Department of Neuroscience, University of Texas Southwestern Medical Center.

"Molecular Architecture of the Circadian Clock in Mammals"

4:15 PM - **Colleen McClung**, Ph.D, Associate Professor of Psychiatry, University of

Pittsburgh Medical Center.

“Circadian Genes, Rhythms and the Biology of Psychiatric Disorders”

4:45 PM - **Ying-Hui Fu**, Ph.D, Professor of Neurology, Department of Neurology,
University of California San Francisco.

"Molecular Genetics of Human Sleep Behavioral Traits"

5:30 PM – **Cocktail reception**

6:30 PM - **Dinner with faculty and students**