

## 2017 5<sup>th</sup> International Experimental Biology and Medicine Conference

Friday October 6<sup>th</sup>:

9:00-9:30

### Welcome

Peter Stambrook

Kresimir Pavelic

Iain Mattaj

### Chair: John Hogenesch

9:30-10:15

**Joseph Takahashi** (University of Texas Southwestern, USA)  
*The Genetics of Biological clocks*  
Q & A (15 minutes)

10:15-11:00

**Carrie Partch** (University of California, Santa Cruz, USA)  
*Dissecting the Molecular Basis of Circadian Timekeeping*  
Q & A (15 minutes)

11:00-11:15

Coffee/Tea Break

11:15-12:00

**Gerald FitzGerald** (University of Pennsylvania, USA)  
*Peripheral Clocks and Cardio-Metabolomic Function*  
Q & A (15 minutes)

12:00-13:30

Lunch (meet the experts)

13:30-14:15

**Gad Asher** (Weizmann Institute of Science, Israel)  
*Rhythmic Oxygen Levels Reset Circadian Clocks through HIF1 $\alpha$*   
Q & A (15 minutes)

14:15-15:00

**Akhilesh Reddy** (The Francis Crick Institute, UK)  
*Redox in the Clockwork*  
Q & A (15 minutes)

15:00-15:15

Coffee/Tea Break

15:15-16:00

**Christian Hong** (University of Cincinnati, USA)  
*Interconnected Network of Circadian Rhythms and Cell Cycle in  
3D Small Intestine Organoids*  
Q & A (15 minutes)

16:00-16:45

**Paul Humphries** (Reset Therapeutics, San Francisco, USA)  
*Cry modulators: From the bench to the clinic*  
Q & A (15 minutes)

17:30-20:00

Reception and Posters

Saturday, October 7<sup>th</sup>:

8:30-9:30

Four selected Paper from abstracts  
**Chair: Peter Stambrook**

9:30-10:15

**Amita Sehgal**  
*Mechanisms underlying circadian influences on drug action*  
Q & A (15 minutes)

10:15-10:30

**Coffee/Tea Break**

10:30-11:15

Michael Lehman  
*Brain circuitry underlying circadian control of reward and motivation:  
implications for addiction*  
Q & A (15 minutes)

11:15-12:00

Ketema Paul  
*Bmal1 in skeletal muscles regulates resistance to sleep loss*  
Q & A (15 minutes)

12:00-1:30

**Lunch (meet the experts)**

1:30 -

Excursions

**Sunday October 7<sup>th</sup>**

8:30-9:15

Three selected papers from Abstracts  
**Chair: Warren Zimmer**

9:15-10:00

Steven Goodman /Peter Stambrook  
EBM and SEBM

10:00-10:15

**Coffee/Tea Break**

**Chair: Peter Stambrook**

10:15-11:00

**John Hogenesch**  
*TBA*

11:00-11:45

**Charo Robles**  
*TBA*

11:45-12:15

**Charlotte Foerster**  
*Chronic psychosocial stress affects the circadian clock*

12:15-12:30

Closing Ceremony and Award Presentation