

# *Plasticity in Circadian Rhythms and Sleep*

The Institute of Life Science, The Hebrew University of Jerusalem

Monday, February 12, 2018 – Faculty Club

## Program

- 9:00-9:30 Gathering and light refreshments
- 9:30- 10:00 **Introduction:**  
Guy Bloch - *Circadian rhythms - from running on wheels in the lab to profound plasticity in the field*
- 10:00-10:50 Amita Sehgal - *Adaptive relevance of circadian and sleep control of physiology*
- 10:50-11:10 Coffee break
- 11:10-11:40 Niels Rattenborg - *Flexibility in the timing and duration of sleep in great frigate birds cycling between the land and air*
- 11:40-12:05 Jacob Holland, *Transcriptomic signatures of socially-regulated plasticity in circadian rhythms in bumblebees*
- 12:05-12:30 Eran Tauber, *Epigenetic regulation of the photoperiodic clock*
- 12:30-14:00 Lunch and poster session
- 14:00-14:30 Nicholas S. Foulkes - *Food, light and the evolution of the circadian timing system*
- 14:30-14:55 Noga Kronfeld-Schor - *Rhythms plasticity in diurnal rodents – new insights*
- 14:55-15:20 Gad Asher, *The interplay between oxygen cycles and circadian clocks*
- 15:20-15:40 Coffee break
- 15:40-16:05 Oren Froy - *Timing of macronutrient intake: underlying mechanisms and endocrine outcomes*
- 16:05-16:30 Yoav Gothilf - *The fish pineal gland, a key player in stabilizing circadian rhythms of behavior*
- 16:30-17:20 Michael Hastings - *Cellular and circuit-level circadian time-keeping in the suprachiasmatic nucleus*
- 17:20-17:30 Guy Bloch; **Closing remarks**