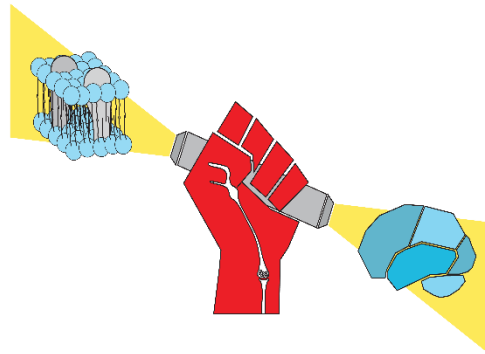
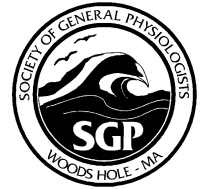


**Society of General Physiologists**  
**71st Annual Symposium**  
**EARLY ABSTRACT SUBMISSION**  
**DEADLINE JUNE 15<sup>TH</sup>**



**The Optical Revolution  
in Physiology:  
From Membrane to Brain**

**September 6-10, 2017**  
**Marine Biological Laboratory**  
Woods Hole, Massachusetts

Organized by Richard Kramer & Edwin Levitan

**Friends of Physiology Keynote Lecture**  
Eric Betzig, Nobel Laureate (HHMI Janelia)

**Seeing and Manipulating Single Molecules in Cells**

Xiaowei Zhuang (Harvard University)  
Thomas Blanpied (University of Maryland)  
Joshua Levitz (Cornell University)

**Imaging Cell Signaling**

Jennifer Lippincott-Schwartz (HHMI Janelia)  
Jin Zhang (UC San Diego)

**Imaging Membrane Trafficking and Secretion**

Edwin Levitan (University of Pittsburgh)  
Dalibor Sames (Columbia University)  
Lin Tian (UC Davis)

**Optical Sensors of Electrical Activity**

Evan Miller (UC Berkeley)  
Adam Cohen (Harvard University)  
Loren Looger (HHMI Janelia)

**Optical Manipulators of Electrical Activity**

Viviana Gradinaru (Caltech)

**Optical Studies of Synaptic Plasticity**

Richard Kramer (UC Berkeley)  
Donald Arnold (USC)

**Amazing New Technologies for Whole Brain Imaging**

Elizabeth Hillman (Columbia University)  
Na Ji (HHMI Janelia)  
Ed Boyden (MIT)

**Imaging and Manipulating Brain Activity *In Vivo***

Yves De Koninck (Laval University)  
Spencer Smith (UNC Chapel Hill)  
Daniel Dombeck (Northwestern University)

**Roger Y. Tsien Memorial Lecture**

Atsushi Miyawaki (RIKEN Brain Science Institute)

**Early Abstract Submission deadline June 15, 2017**  
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