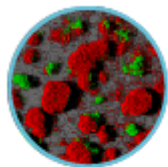


# BIO-X

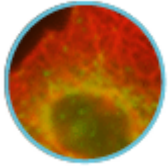
## "Watching Life" Symposium



Day One	Friday, March 25	<u>Fairchild Auditorium</u>
7:00-8:00	Continental Breakfast and Registration (Fairchild lobby)	
8:00-8:15	Welcome and overview of Bio-X (Matthew Scott, Bio-X Chairman/Professor of Developmental Biology and Sam Gambhir, Professor of Radiology/Director, Molecular Imaging Program at Stanford)	
8:15-9:00	<b>Roderic Pettigrew</b> , Director of the National Institute of Biomedical Imaging and Bioengineering "Horizons in cellular and molecular imaging"	
9:00-9:45	<b>Laurie Zoloth</b> , Director, Bioethics, Center for Genetic Medicine, Professor of Medical Ethics and Humanities, Northwestern University "Seeing and believing: Ethical considerations in the translational use of imaging"	
9:45-10:30	<b>Roger Tsien</b> , Professor of Chemistry and Biochemistry Molecular Imaging Core, Co-Leader at UCSD "Building and breeding molecules to spy on cells and tumors"	
10:30-10:45	Break	
10:45-11:30	<b>Wenbiao Gan</b> , Assistant Professor, Physiology and Neuroscience Skirball Institute Program of Molecular Neurobiology "In vivo imaging of synaptic plasticity and pathology"	
11:30-12:15	<b>Jeff Lichtman</b> , Professor of Molecular and Cellular Biology, Harvard University "Monitoring synapses in fluorescent mice"	
12:15-1:30	Lunch Break	
1:30-2:15	<b>Scott Fraser</b> , Professor of Biology Director, Biological Imaging Center, Beckman Institute, California Inst. of Technology "Watching the developmental mechanics of the vertebrate embryo"	
2:15-3:00	<b>Winfried Denk</b> , Director of Biomedical Optics Max-Planck-Institute for Medical Research Heidelberg "Understanding the brain. A measurement problem really"	
3:00-3:15	Break	
3:15-4:00	<b>G. Allan Johnson</b> , Director, Ctr. for In Vivo Microscopy, Duke Univ. Medical Center "Image Based Phenotyping"	
4:00-4:45	<b>Joanna Fowler</b> , Dept. of Chemistry, Brookhaven National Lab "Imaging addiction in the human brain"	
5:00-7:00	Poster session to showcase research from Stanford and beyond Reception - Fairchild Auditorium Lobby	

# BIO-X

## "Watching Life" Symposium



**Day Two**

**Saturday, March 26**

**Clark Center Auditorium**

Workshop: Practical and technical presentations on imaging. Chaired by Dr. Stephen J Smith, Professor of Molecular and Cellular Physiology, Stanford.

8:30-9:00

Continental Breakfast and Registration (Clark Center auditorium lobby)

9:00-9:45

**Winfried Denk**, Max-Planck-Institute for Medical Research Heidelberg  
"Understanding biological function by imaging live and dead life"

9:45-10:30

**Scott Fraser**, California Institute of Technology  
"Multi-dimensional imaging of development"

10:30-10:45

Break - Refreshments served in the auditorium lobby

10:45-11:30

**Sam Gambhir**, Stanford University  
"A practical guide to noninvasive imaging of small animals"

11:30-12:15

**Wenbiao Gan**, Skirball Institute Program of Molecular Neurobiology  
"Two-photon transcranial imaging of neurons and microglia in the living brain"

12:15-1:30

Lunch (For all workshop attendees at LinX-Clark Center)

1:30-2:15

**Stephen J Smith**, Stanford University  
"Seeing Circuits Assemble"