

Stanford Bio-X  
Interdisciplinary Initiatives  
Seed Grants Program Symposium  
August 24, 2017  
Clark Center Auditorium  
[biox.stanford.edu](http://biox.stanford.edu)

**1:00pm**  
Introduction  
Carla Shatz,  
Director of  
Stanford Bio-X, and  
Harvey Cohen,  
Professor of Pediatrics

**1:10pm**  
Technologies for Mixed-  
Reality breast surgery  
Bruce Daniel (Radiology)  
Ellen Kuhl (Mechanical  
Engineering)  
Brian Hargreaves (Radiology)

**1:30pm**  
Intraoperative Breast MRI in  
the Advanced Multi-Modal  
Image Guided Operative  
Suite: Where we go from here  
Mehra Golshan, Medical  
Director of International  
Oncology Programs at the Dana  
Farber Cancer Institute and  
Brigham and Women's Hospital

**2:10pm**  
In vivo imaging of intercellular  
forces with strain-sensitive  
upconverting nanoparticles  
Jennifer Dionne (Materials  
Science & Engineering)  
Miriam Goodman (Molecular  
& Cellular Physiology)

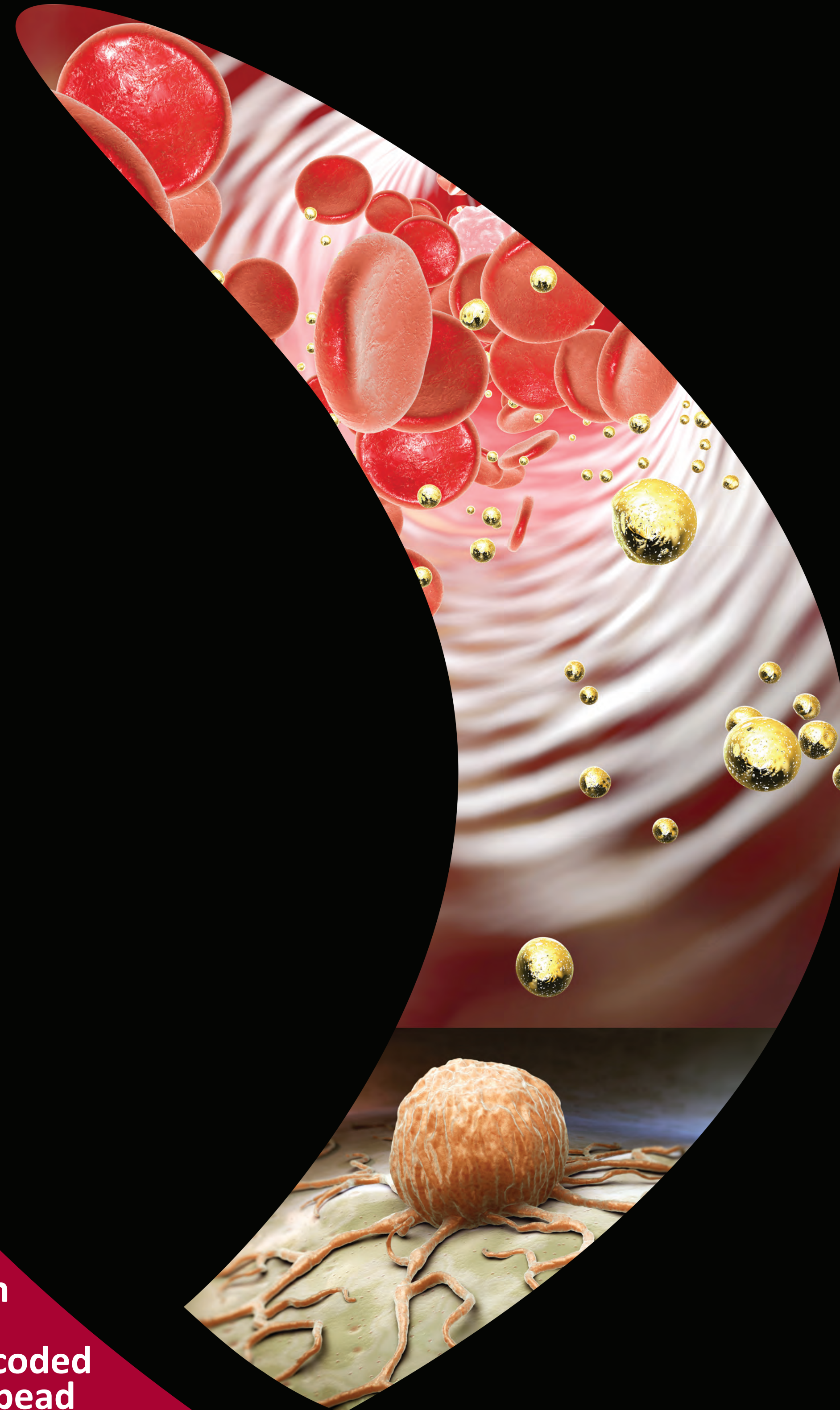
**2:30pm**  
Nano Meets Mechanobio-  
logy: Mechanogenetics for  
regulating cell signaling in  
space and time  
Young-wook Jun,  
Associate Professor,  
Chemistry & Chemical  
Biology Program and Dep-  
artment of Otolaryngology,  
University of California,  
San Francisco

**3:10pm**  
Break

**3:20pm**  
Deciphering the lang-  
uage of cellular  
protein interaction  
networks using  
spectrally encoded  
peptide-bead  
libraries  
Martha Cyert  
(Biology)  
Polly Fordyce  
(Genetics and  
Bioengineering)

**3:40pm**  
Guiding signals through  
anchored enzyme  
complexes  
John D. Scott, Edwin G.  
Krebs-Speights Professor of  
Cell Signaling and Cancer  
Biology and Chair of the  
Department of Pharmacology,  
University of Washington

**4:30pm**  
Reception & Poster Session



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