1:00pm Introduction Carla Shatz, David Starr Jordan Director, Stanford Bio-X

1:10pm A Novel Amyloid-Beta Receptor Driving Synapse Loss in Alzheimer's Disease Carla Shatz (Biology) K. Christopher Garcia (Molec. & Cell. Physiology)

1:30pm

Correlation of High-Resolution Imaging of Regional Lung Ventilation by Single Energy CT with SPECT Ventilation Images Peter Maxim (Radiation Oncology) Billy Loo (Radiation Oncology) Erik Mittra (Radiology - Nuclear Medicine) Viswam Nair (Medicine) Stanford Bio-X Interdisciplinary Initiatives Seed Grants Program Symposium August 24, 2016 Clark Center Seminar Room S360 biox.stanford.edu

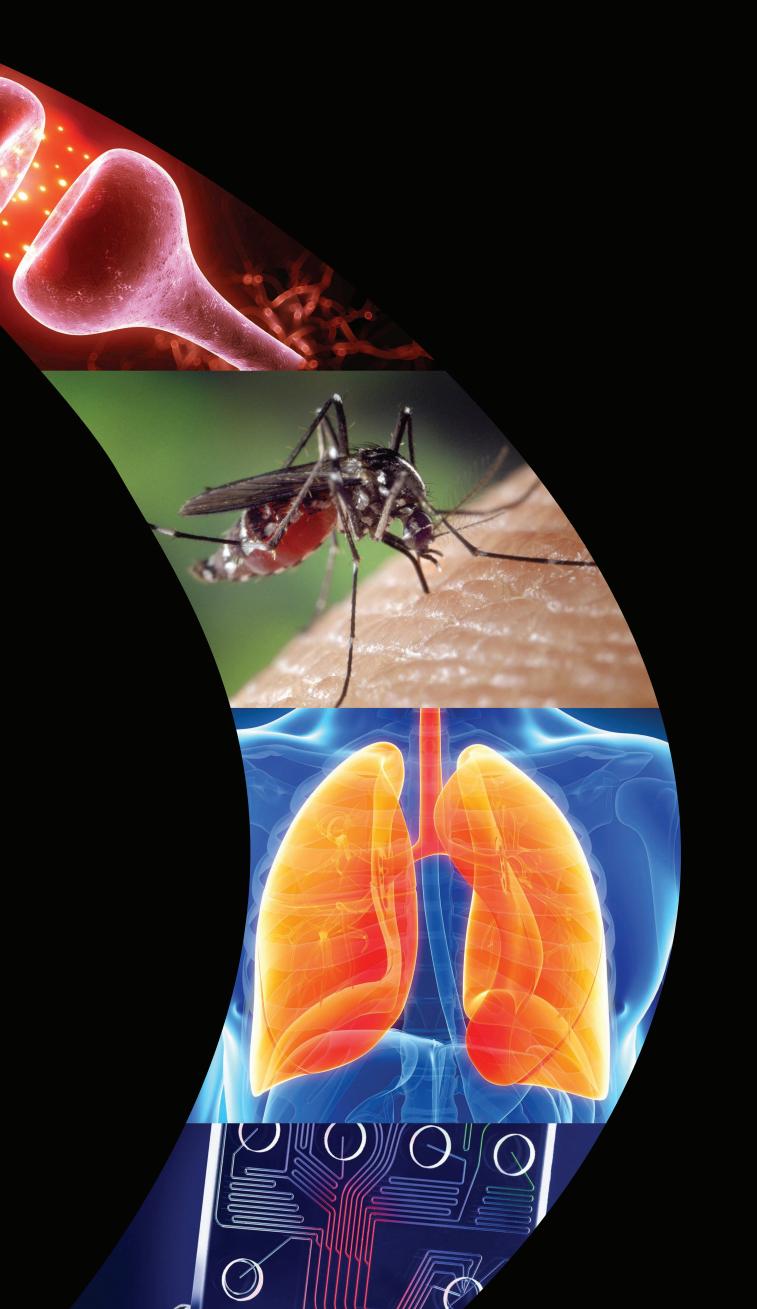
1:50pm Building a Toolbox of Proteostasis Sensors to Monitor the Aging Brain Anne Brunet (Genetics) Judith Frydman (Biology)

## 2:10pm

Radiation-Sensitized Nanocarriers for MR-Guided Radiation Therapy and Drug Delivery Dimitre Hristov (Radiation Oncology) Yan Xia (Chemistry) Brian Hargreaves (Radiology)

2:30pm Smaller than Small: Probing Livting Cells with Wireless Sensors H.-S. Philip Wong (Electrical Engineering) Ada Poon (Electrical Engineering) Demir Akin (Radiology) Michael McConnell (Cardiovascular Medicine)

> 2:50pm Discovering the Malaria Plastid Organelle Proteome Ellen Yeh (Biochem. and Pathology) Joshua Elias (Chem. & Sys. Biology)



3:10pm

In Situ Transcriptome Profiling in Histological Sections Pehr Harbury (Biochemisry) Tushar Desai (Pulmonary & Critical Care Med.)

> 3:30pm Rapid Bacteria and Antibiotic Resistance Identification Using Droplet Microfluidics Jason Andrews (Medicine - Infectious Diseases) Sindy Tang (Mechanical Engineering)

> > 3:50pm Closing Comments

4:00pm Reception & Poster Session

