

Stanford Bio-X
Interdisciplinary Initiatives
Seed Grants Program Symposium
August 24, 2016
Clark Center Seminar Room S360
biox.stanford.edu

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)

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 Living
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



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