

BIO-X

**February 25
2013**

Interdisciplinary Initiatives Symposium

Poster Session

at 4:00pm

Nexus Café

James H. Clark Center

James H. Clark Center Auditorium

1:00pm Introduction

1:10pm

Generation of Neurons from Fibroblasts with Direct Gene Delivery

Marius Wernig (Pathology)

Tobias Meyer (Chemical & Systems Biology)

1:30pm

Founding the Bio-X.Game Center for Education and Large Scale Science

Ingmar Riedel-Kruse (Bioengineering)

Rhiju Das (Biochemistry)

Daniel Schwartz (School of Education)

1:50pm

Tele-Robotic System for Real-Time Soft-Tissue Image Guidance of Stereotactic Body Radiation Therapy

Dimitre Hristov (Radiation Oncology)

J. Kenneth Salisbury (Computer Science)

Daniel Chang (Radiation Oncology)

2:10pm

Rationally Engineered Sensors of Millisecond Neuronal Activity

Michael Lin (Pediatrics)

Mark Schnitzer (Applied Physics)

2:30pm

Biophysical Control of Adult Stem Cell Fate

Jill Helms (Surgery-Plastic and Reconstructive)

Sarah Heilshorn (Materials Science and Engineering)

John Brunski (Surgery-Plastic and Reconstructive)

2:50pm

Neuropilins in Hedgehog Signal Transduction

Matthew Scott (Developmental Biology)

Jennifer Cochran (Bioengineering)

3:10pm

Molecular and Electromechanical Methods for Rejuvenation

Juan Santiago (Mechanical Engineering)

Robert Sapolsky (Biology / Neurology & Neurological Sciences)

Helen Blau (Chemical and Systems Biology)

3:30pm

Precise Design of Synthetic Multicellular Communities using Optical Control

Kerwyn Casey Huang (Bioengineering)

Devaki Bhaya (Plant Biology)

3:50pm Closing comments

4:00pm Reception and poster session (Nexus Cafe)

http://biox.stanford.edu/grant/iip_program.html

