

BIO-X

**August 26
2013**

Interdisciplinary Initiatives Symposium

**Poster Session
at 4:00pm
Clark Center
Courtyard**

James H. Clark Center Auditorium

1:00pm Introduction

1:10pm

Matrix-Induced Alignment: Effects on Endothelial Biology

Gerald Fuller (Chemical Engineering)

John Cooke (Cardiovascular Medicine)

1:30pm

Bioactive and Biodegradable Drug Delivery Depot for Enhancing Tissue Regeneration

Fan Yang (Bioengineering)

Stuart Goodman (Orthopaedic Surgery)

Sandip Biswal (Radiology)

1:50pm

PET-CT Evaluation of NK1 Receptor Using [18F]SPA-RQ in Gastroparesis

Sandip Biswal (Radiology)

Pankaj Jay Pasricha (Gastroenterology and Hepatology)

Frederick T. Chin (Radiology)

2:10pm

Magnetic Nanosensors for the Validation of Protein Biomarkers of Inflammatory Neonatal Disease

Karl Sylvester (Surgery)

Shan Wang (Materials Science and Engineering)

2:30pm

Fluorescent Biosensors: Advanced Tools for Imaging Plant-Pathogen Rivalry for Carbon

Wolf B. Frommer (Biology)

Virginia Walbot (Biology)

Alexander Dunn (Chemical Engineering)

2:50pm

Optical Imaging with Radiation-Activatable Phosphor Nanoparticles for Real-Time Monitoring of Axon Transport Activities

Lei Xing (Radiation Oncology)

Yanmin Yang (Neurology)

3:10pm

Lineage Tracking and the Roots of Adaptive Evolution

Daniel Fisher (Applied Physics)

Gavin Sherlock (Genetics)

3:30pm

Characterizing the Influence of Optogenetically Stimulated Dopamine Release on fMRI Signal in Awake Rats

Brian Knutson (Psychology)

Karl Deisseroth (Bioengineering)

3:50pm Closing comments

4:00pm Reception and poster session (Clark Courtyard)

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



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