

Targeted Therapeutics and Translational Nanomedicine 2011-2012 Seminar Series

Sponsored by: IFEM * , CEET **, and Dept. of Bioengineering ***

9/14/2011 Robert Prud'homme, Ph.D.

Princeton University

Facile Production of Multifunctional Nanoparticles for Difficult to Deliver Therapeutics:
hydrophobic drugs, peptides, and siRNA

10/7/2011 Sergei M. Danilov, M.D., Ph.D. *

University of Illinois College of Medicine at Chicago Anaesthesiology Research Center

Angiotensin-Converting-Enzyme: A molecular marker of endothelial biology and target for drug/
gene delivery

(12:15 PM in the IFEM Conference Room in the John Morgan Building)

10/12/2011 Mark E. Davis, Ph.D.

California Institute of Technology

Fighting Cancer with Nanoparticle Medicines

11/9/2011 Sylvia Muro Galindo, Ph.D.

University of Maryland at College Park

Drug Targeting to Endothelial Endosomes

12/14/2011 Joseph M. Backer, Ph.D.

Sib Tech, Inc.

Targeting Imaging Probes and Drug Carriers to Pathological Vasculature

12/16/2011 Thomas Dziubla, Ph.D. *

University of Kentucky College of Engineering

Controlling Biomaterial Biocompatibility through Cellular Oxidative Stress:
A role for antioxidant polymers in biomedical applications

(12:15 PM in the IFEM Conference Room in the John Morgan Building)

1/11/2012 Jinming Gao, Ph.D.

UT Southwestern Medical Center

Ultra-pH (UPS) Nanomedicine: Amplifying Tumor Microenvironment Signals for Cancer-Specific
Imaging

2/15/2012 Zahi A. Fayad, Ph.D.

Mount Sinai School of Medicine

The Role of Nanomedicine for the Assessment and Treatment of Atherosclerotic Plaques

2/16/2012 Edward Crandall, MD, Ph.D. [3:30-4:30pm, TRC 10-100] **

University of Southern California

Nanoparticle Interaction with Lung: Injury, Uptake, and Trafficking

2/20/2012 Russell J. Composto, Ph.D., So-Jung Park Ph.D., Nathalie Scholler, MD, PhD

[3:30-5:00pm, location TBA] **

University of Pennsylvania

Penn Nanotoxicology Alliance Pilot Project Presentations

3/7/2012 Sonke Svenson, Ph.D.

Cerulean Pharma, Inc

Nanopharmaceuticals: Versatile Drug Delivery Platform for Small Molecules and Biomolecules

3/15/2012 Michael B. Lawrence, Ph.D. [12:00pm, 337 Towne] ***

University of Virginia

Vascular Targeted Ultrasound Contrast Agents for Drug and Gene Delivery

3/30/2012 Zacharias Suntres, Ph.D. *

Northern Ontario School of Medicine, Canada

Liposomal Delivery of Antioxidants

(12:15 PM in the IFEM Conference Room in the John Morgan Building)

4/11/2012 David Oupicky, Ph.D.

Wayne State University

Development of bioreducible polycationic (pro)drugs for nucleic acid delivery

5/16/2012 Lali K. Medina-Kauwe, Ph.D.

UCLA Geffen School of Medicine

TBA

**All Seminars begin at noon in the Translational Research Center Auditorium at the
Perelman Center, unless otherwise stated.**