

## Targeted Therapeutics and Translational Nanomedicine 2010-2011 Seminar Series

- 9/22/2010** **David Dean, Ph.D.**  
University of Rochester  
**Mechanisms of Intracellular Trafficking in Gene Delivery**
- 10/13/2010** **Jean M. Frechet, Ph.D.**  
University of California, Berkeley  
**Designing Polymer Carriers for Therapeutics**
- 10/15/2010** **Edward F. Patz, M.D.**  
Duke University Medical Center  
**Early Tumor Detection, Metastasis, and the Host Response to Lung**  
Co-sponsored by IFEM 12:15 PM, IFEM Seminar Room
- 11/17/2010** **Daniel Kohane, M.D., Ph.D.**  
Harvard University  
**Drug Delivery from Nano to Macro**
- 12/8/2010** **Samir Mitragotri, Ph. D.**  
University of California, Santa Barbara  
**TBA**
- 12/17/2010** **Jan E. Schnitzer, M.D.**  
PRISM Proteogenomics Research Institute for Systems Medicine  
**Quantifying Endothelial Caveolae Proteome: Signal-dependent Trafficking and Targeted Delivery In Vivo**  
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- 1/7/2011** **Cory J. Berkland, M.D.**  
University of Kansas  
**Targeting Nanocarriers to Adhesion Molecules**  
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- 1/12/2011** **Alexander Klibanov, Ph.D.**  
University of Virginia  
**Targeted Gas-filled Microbubbles: contrast agents for ultrasound molecular imaging and drug delivery**
- 1/21/2011** **Matthew C. Zimmerman, Ph.D.**  
University of Nebraska Medical Center  
**Delivery Means for Antioxidants**  
Co-sponsored by IFEM 12:15 PM, IFEM Seminar Room
- 2/16/2011** **Marian Gindy, Ph.D.**  
Merck and Company  
**Optimization of Lipid-Bases Vehicle for siRNA Delivery**
- 3/16/2011** **Samuel Wickline, M.D.**  
Washington University in St. Louis  
**Postponed**
- 4/13/2011** **Pieter Cullis, Ph.D.**  
University of British Columbia  
**Design of Lipid Nanoparticles Systems for *in vivo* Delivery of siRNA**
- 5/11/2011** **Joachim Spatz, Ph.D.**  
Max-Planck-Institute for Metals Research  
**Induction of Cellular Responses by Nanoscopically Defined Environments**

**All Seminars begin at noon in Reunion Hall, John Morgan Building  
Unless otherwise stated.**