Targeted Therapeutics and Drug Delivery Systems

October 9, 2007      Cassandra Frazer, Ph.D.
Professor, Department of Chemistry
University of Virginia
“Light Emitting Biomaterials for Imaging and Oxygen Sensing”
(Sponsored by IME, Vagelos 2nd floor conference room at noon)

November 29, 2007      Gregory M. Lanza, M.D., Ph.D.
Associate Professor of Medicine and Bioengineering
Washington University School of Medicine
“Nanomedicine: Potential Molecular Imaging and Targeted Therapeutic Applications with PFC Nanoparticles”

December 20, 2007      Margaret Black, Ph.D.
Associate Professor of Pharmaceutical Sciences
Washington State University
“Cancer Gene Therapy: SuperCD and 5FC: a Killer Combination”

January 8, 2008      Naren Vyavahare, Ph.D.
Hunter Endowed Chair and Professor of Bioengineering
Clemson University
"Targeted Therapies for Pathology and Regeneration of Elastic Tissues"
(Sponsored by IME, Vagelos 2nd floor conference room at noon)

January 24, 2008      Dennis Discher, Ph.D.
Professor, Departments of Chemical & Biomolecular Engineering and Bioengineering
University of Pennsylvania
"Delaying Clearance: from FiloVirus Morphologies to Mimickry of 'Self' with CD47" 
(Class of 62 Lecture Hall)

February 8, 2008      Karen Wooley, Ph.D.
Professor of Chemical and Bioengineering
Washington University
(sponsored by IFEM, 12:15 PM in 1 John Morgan Building)
"Synthetic methods for the preparation of well-defined nanostructures, designed as versatile scaffolds for imaging and therapy of acute vascular injury, cancer, and other targets"

February 21, 2008      Clifford Steer, M.D.
Professor of Medicine and Genetics, Cell Biology, and Development
Director, Molecular Gastroenterology Program
University of Minnesota Medical School
“Sleeping Beauty Mediates Therapeutic Factor VIII Expression in Liver Sinusoidal Endothelial Cells of Hemophilia A Mice”

March 3, 2008      Sarah Hamm-Alvarez, Ph.D.
Professor and Chair, Department of Pharmaceutical Sciences
University of Southern California
“Making Tears: Concerted Actions of Actin and Myosin in Exocytosis in Lacrimal Acini”
(sponsored by the Department of Pharmacology, 12:00 PM in Reunion Hall)

March 20, 2008      Glen S. Kwon, Ph.D.
Professor, Pharmaceutical Sciences Division
University of Wisconsin at Madison
"Polymeric Micelles for Combination Drug Delivery"

May 1, 2008      David McPherson, M.D.
Co-Director, Echocardiography Laboratory
Northwestern Memorial Hospital
Director, Research Cardiology; and Professor of Medicine
Feinberg School of Medicine
“Acoustic Liposomes for Targeted Molecular Cardiovascular Imaging, Drug Delivery and Stroke Therapy”

Seminars begin at noon in the 251 BRB Conference Room

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