Drug Repurposing and Reformulation: Opportunities, Risks, and Challenges
February 22, 2016 | 4:00-6:00 PM

Introductions:
Gloria Waters, PhD  
Vice President and Associate Provost for Research
Avrum Spira, MD  
Professor, Medicine, and Director, BU-BMC Cancer Center
David Center, MD  
Professor, Medicine, and Director, CTSI

Research Presentations:
I. Discovery
- openSESAME: Matching Drugs and Diseases In Silico Using Gene Expression Data
  Marc Lenburg, PhD, Professor, Medicine, School of Medicine
- Building the Lung CMap: A Tissue-Specific Paradigm for Drug Repurposing
  Elizabeth Moses, PhD Candidate, Pathology/Immunology
- High-Throughput Transcriptional Screening of Chemicals and Drugs
  Stefano Monti, PhD, Associate Professor, Medicine, School of Medicine
- A Computational Method to Reposition Drug Candidates via Inversely Correlated Cellular Functions
  David Sherr, PhD, Professor, Environmental Health, School of Public Health
- Using shRNA Screens for Finding New Drug Combinations
  Michael Sherman, PhD, Professor, Biochemistry, School of Medicine

II. Pre-Clinical/Chemistry
- Chemical Synthesis of Natural Product Variants to Probe Diverse Biological Pathways
  John Porco, Jr., PhD, Professor, Chemistry, College of Arts & Sciences
- Repurposing Through Small Molecule Evolution
  Aaron Beeler, PhD, Assistant Professor, Chemistry, College of Arts & Sciences
- Design and Synthesis of Fungal-Selective Hsp90 Inhibitors
  Lauren Brown, PhD, Research Assistant Professor, Chemistry, College of Arts & Sciences
- Drugging the Undruggable: Creating New Opportunities for Treating Brain Disorders
  Tyrone Porter, PhD, Associate Professor, Mechanical Engineering, College of Arts & Sciences
- Theranostics and In Vitro Models of Metastasis
  Joyce Wong, PhD, Professor, Biomedical Engineering, College of Arts & Sciences
- Inhibitors of Transcription Factor LSF Oncogene in Hepatocellular Carcinoma
  Ulla Hansen, PhD, Professor, Biology, College of Arts & Sciences
III. Legal/IP

- **Repositioned Medicines: Overview of Patent and Regulatory Interactions**
  Warren Kaplan, PhD, JD, MPH, Clinical Assistant Professor, Global Health, School of Public Health

- **Market Failures in Pharmaceuticals**
  Kevin Outterson, LL.M., JD, Professor, Law, School of Law

Thank you for your participation