Combatting Disease, Pursuing Cures: Infectious Diseases Research at BU

NOVEMBER 11, 2015 | 4:00-6:00 PM

Introductions:
Gloria Waters  
Vice President and Associate Provost for Research
Ronald Corley  
Professor and Chair, Microbiology, and Director, NEIDL

Research Presentations:

- **Establishment and maintenance of HIV latency**  
  Andrew J. Henderson, PhD, Associate Professor, Medicine and Microbiology, School of Medicine

- **Understanding HIV transmission to develop prevention strategies**  
  Manish Sagar, MD, Associate Professor, Medicine and Microbiology, School of Medicine

- **Polymerase small molecule inhibitors**  
  Rachel Fearns, PhD, Associate Professor, Microbiology, School of Medicine

- **When viruses “jump”!**  
  W. Paul Duprex, PhD, Professor, Microbiology, School of Medicine

- **A rose is not a rose in Ebola virus-infected cells**  
  Elke Mühlberger, PhD, Associate Professor, Microbiology, School of Medicine

- **GeoSentinel, an emerging infection surveillance network**  
  Davidson H. Hamer, MD, Professor, Global Health, School of Public Health, and Medicine, School of Medicine

- **Pathogens in space: predicting the next outbreak**  
  Helen E. Jenkins, PhD, Assistant Professor, Biostatistics, School of Public Health

- **Rapid bacterial diagnostics by nanoparticle enhanced light scattering**  
  Lawrence D. Ziegler, PhD, Professor, Chemistry, College of Arts & Sciences

- **New approaches to antibiotic resistance**  
  James E. Galagan, PhD, Associate Professor, Biomedical Engineering, School of Engineering, and Microbiology, School of Medicine

- **New business models for antibiotics**  
  Kevin Outterson, LL.M., JD, Professor, Health Law, School of Law

- **Good drugs or bad: how would you know?**  
  Muhammad H. Zaman, PhD, Professor, Biomedical Engineering, School of Engineering

- **Modeling and engineering microbial communities**  
  Daniel Segrè, PhD, Professor, Biology, College of Arts & Sciences, and Biomedical Engineering, School of Engineering

- **Use of innate immunity to enhance vaccines**  
  Lee M Wetzler, MD, Professor, Medicine, and Associate Professor, Microbiology, School of Medicine
• Antibody response evolutionary dynamics
  Thomas B. Kepler, PhD, Professor, Microbiology, School of Medicine, and Mathematics & Statistics, College of Arts & Sciences

• Good fences make good neighbors: walls of pathogenic parasites
  John C. Samuels, PhD, Professor, Molecular & Cell Biology, Henry M. Goldman School of Dental Medicine, and Microbiology, School of Medicine

Thank you for your participation