2012 Leaders in AIDS Research and Care Seminar Series

January 12, 2012 at 1:00pm
Speaker: Chou-Zen Giam, PhD
Uniformed Services University of the Health Sciences
Dr. Giam’s lab focuses on the molecular biology and pathogenesis of three human cancer viruses: human T-lymphotropic virus type 1 (HTLV-1), Kaposi sarcoma-associated herpesvirus/human herpesvirus type 8 (KSHV/HHV-8), and hepatitis C virus (HCV). They are particularly interested in how regulatory proteins of these viruses usurp cellular mRNA transcriptional machineries, cell cycle control mechanisms, and signal transduction pathways to facilitate viral replication.
Seminar Location: CWRU Rottman Seminar Room W203

April 19, 2012 at 1:00pm
Speaker: Michael Summers, PhD
University of Maryland, Baltimore County
Dr. Summers research efforts are aimed at understanding how retroviruses assemble and how they specifically recognized and package their genetic material. Over the past decade or so, we and others have determined the 3D structures of several isolated protein components that make up HIV-1 (the retrovirus that causes AIDS). We now wish to understand how these components interact with each other and with cellular constituents.
Seminar Location: CWRU Rottman Seminar Room W203

May 10, 2012 at 1:00pm
Speaker: Frederic Bushman, PhD
University of Pennsylvania School of Medicine
Dr. Bushman's research focuses on host-microbe interactions in health and disease. Microbes under study include HIV and the populations of microbes normally associated with the human body (our microbiome). Methods used range from deep sequencing and bioinformatics analysis to traditional biochemistry and structural biology.
Seminar Location: CWRU Rottman Seminar Room W203

Thursday, October 18, 2012 at 1:00pm
John T. Carey Memorial Speaker
Speaker: Richard Koup, MD
NIH
The mission of the Immunology Laboratory (IML) is to investigate novel aspects of the cellular immune response to pathogens in support of the rational development of a vaccine against HIV and other lethal human viral pathogens. It is the goal of the IML to rapidly advance the latest information on ways of manipulating the immune response to HIV into practical applications in clinical trials of prophylactic and therapeutic vaccines.
Seminar Location: CWRU Rottman Seminar Room W203