



香港浸會大學  
HONG KONG BAPTIST UNIVERSITY

School of 中醫藥學院  
**Chinese Medicine**

# Identification of Entry Inhibitors of Influenza Viruses, Arenaviruses and Filoviruses

**Dr. Lijun Rong**

Associate Professor in College of Medicine, University of Illinois at Chicago

**Date: 25 March 2014 (Tuesday)**

**Time: 4:30 p.m. - 6:30 p.m.**

**Venue: DLB721**

**Language: English/Chinese**

**Facilitator : Dr. Zhang Hongjie**

## **Abstract**

Emerging and reemerging human viral pathogens pose great public health concerns since therapeutics against these viruses are highly limited. One of our research objectives is to identify and develop small molecule entry inhibitors against a number of highly pathogenic viruses including bird flu, filoviruses, and arenaviruses using a cell-based high throughput screening (HTS) protocol. Using this screening system, we have successfully identified a number of promising entry inhibitors. We believe that the protocol is useful for inhibitor screening for many enveloped viruses.

## **Biography**

Dr. Rong is a Virologist in the Department of Microbiology & Immunology. His research is well funded by National Institutes of Health (NIH). Dr. Rong is an editor and board member of a number of scientific journals, and is frequently invited as grant review panel member by funding agencies such as NIH.

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