

City University of Hong Kong
Department of Biomedical Sciences
presents a seminar



The Silent Treatment: Developing RNAi Therapeutics

Prof. Judy Lieberman

Boston Children's Hospital & Harvard Medical School

USA

Date: 4 November 2014 (Tuesday)

Time: 11:00 am – 12:00 noon

**Venue: G5-216, Green Zone, 5/F Academic 1,
City University of Hong Kong, Kowloon Tong**

About the Speaker:

Judy Lieberman is Chair in Cellular and Molecular Medicine in the Program in Cellular and Molecular Medicine at Boston Children's Hospital and Professor of Pediatrics at Harvard Medical School. She earned a Ph.D. in physics from Rockefeller University and worked as a theoretical physicist at the Institute for Advanced Study in Princeton and Fermilab. She left physics to become a physician. She received an M.D. from Harvard and MIT and trained in internal medicine and hematology-oncology at Tufts Medical Center, where she practiced hematology for about a decade. Her postdoctoral training in immunology was at MIT. She moved to Harvard Medical School in 1995. She served at Harvard Medical School as Director of the Division of AIDS from 2005 to 2009 and is now Chair of the Executive Committee on Immunology. She chaired the Medical Sciences Section of the AAAS from 2011-2012. She was elected to the American Association of Physicians and the American Academy of Arts and Sciences. The Lieberman laboratory has been in the forefront of developing RNAi-based therapeutics and using RNAi for genome-wide screening. They were the first to demonstrate that siRNAs could protect mice from disease. They developed methods to harness RNAi to inhibit herpes and HIV transmission in animal models and are developing strategies for cell-targeted RNAi to treat viral infection, immune disease and cancer. They also investigate the role of endogenous microRNAs in regulating cancer. Another important focus of the lab is the study of cytotoxic T lymphocytes and their role in infection and tumor immunity.

Contact:

Dr Linfeng Huang (Tel 3442-4828; Email linfeng.huang@cityu.edu.hk)

All are welcome