



# THE UNIVERSITY OF HONG KONG LI KA SHING FACULTY OF MEDICINE

DEPARTMENT OF MICROBIOLOGY

AIDS INSTITUTE

## Seminar

### "Recent Advances in humanized mouse models for biomedical Research"

**11:30am, Thursday, September 21, 2017**

**Seminar Room 4, G/F, Laboratory Block  
21 Sassoon Road, Pokfulam**

**Speakers: Dr J. Victor Garcia-Martinez  
Dr Angela Wahl**

**Center for AIDS Research,  
University of North Carolina, Chapel Hill, U.S.A.**

#### About the Speakers

Dr. Garcia is currently a Professor of Medicine in the Center for AIDS Research (CFAR), the Institute for Global Health & Infectious Diseases (IGHID), and the Division of Infectious Diseases in the Department of Medicine all at the University of North Carolina at Chapel Hill. He is an Oliver Smithies Investigator and a Fellow of the American Academy of Microbiology. Throughout his career, Dr. Garcia has made seminal contributions to the understanding of HIV disease, specifically the function of Nef, which is an important determinant of HIV pathogenesis and disease progression. More recently, Dr. Garcia's group has established an outstanding track record in the development, implementation and use of humanized mice for biomedical research. Since their landmark publication describing the humanized BLT mice and more recently the complementary T-cell only and Myeloid-cell only mice (ToM and MoM, respectively) these mouse models have been widely used to address key questions of HIV infection, transmission, prevention, and more recently, persistence and cure.

Dr. Wahl is an Assistant Professor in the Institute for Global Health & Infectious Diseases, Division of Infectious Diseases and Center for AIDS Research at the University of North Carolina at Chapel Hill. Dr. Wahl's research is focused on the development and use of humanized mice for the study of human immune development and human infectious pathogens. Dr. Wahl has utilized humanized mice to study several aspects of HIV infection including transmission, prevention, pathogenesis and latency. Recently, she has developed and implemented a novel humanized mouse model to study the role of human gut microbiota in HIV infection.

#### Enquiries

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