



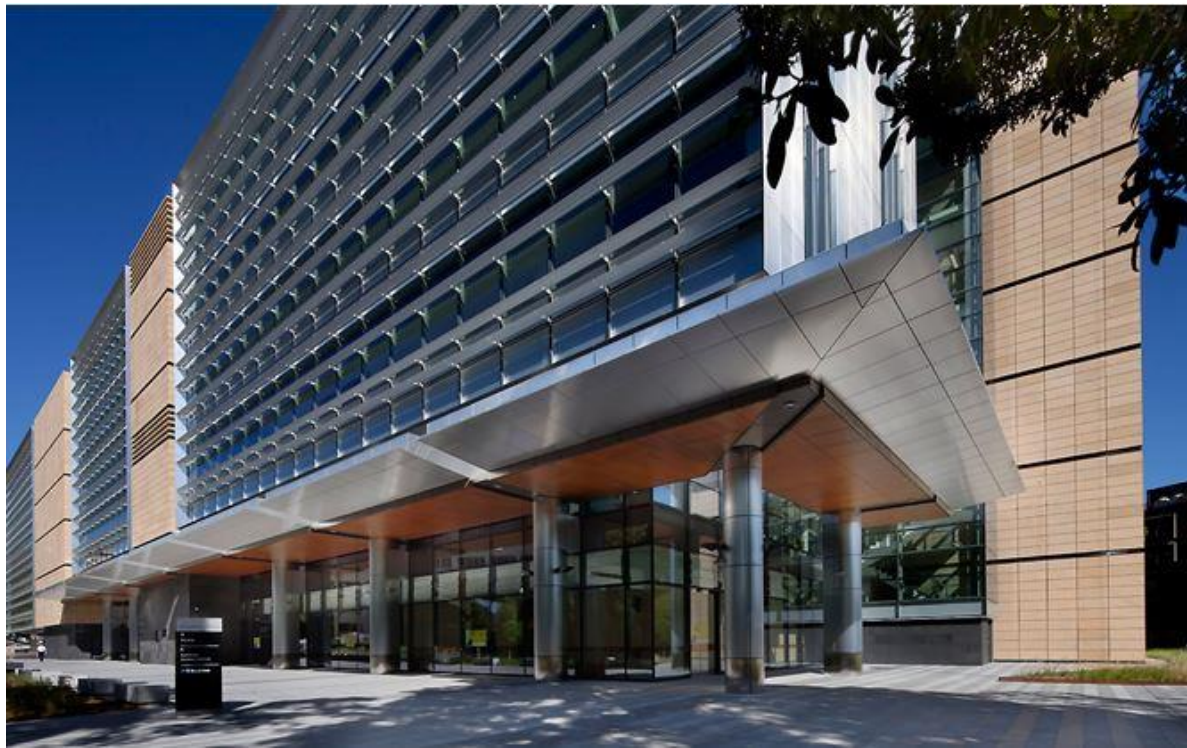
THE UNIVERSITY OF
SYDNEY

Infection and Immunity Seminar Series

“Immunity to HIV and Influenza”

Professor Stephen Kent

Peter Doherty Institute, University of Melbourne



When

Wednesday 23 August 2017
1.00pm – 2.00pm

Where

Level 6, Seminar Room
The Hub, Charles Perkins Centre

Details

A sandwich lunch will be
provided from 12.40pm

Contact and Mailing List

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To find out more, visit

sydney.edu.au/medicine/infectious-diseases-immunology/

Abstract

Both HIV and Influenza exact an enormous toll of communities around the world. There is still no vaccine for HIV and vaccines for influenza are suboptimal and require yearly administration. Immune protection from both viruses, despite years of research, is imperfectly understood. Both viruses are highly mutable and their enormous diversity poses big challenges to protective immunity based on standard neutralising antibodies or T cells. In the case of HIV, this is further complicated by HIV's ability to initiate infection through infected cells rather than free virus. There is growing interest in antibodies that, through interactions of their Fc domain, can kill infected cells. The seminar will explore new concepts in finding a vaccine for HIV and improving influenza vaccines.

About the Speaker

Prof Stephen Kent is an NHMRC Principal Research Fellow who trained as an infectious diseases physician and viral immunologist. His lab is developing HIV and Influenza vaccine candidates. His vaccine concepts have shown sufficient promise to progress into human clinical trials. Prof Kent remains active in infectious diseases medicine, caring for people with HIV/AIDS and other infectious diseases.