

# Doherty Seminar

Professor Nancy Haigwood, Oregon National Primate Centre, USA

## *HIV transmission, immunity and vaccine development*



Professor Nancy Haigwood is an international leader in the study of HIV Envelope glycoprotein (Env) and neutralizing antibodies (NAbs) directed against HIV Env. Nancy will present her insights into the role of HIV Env and NAbs in HIV transmission, including mother-to-child transmission (MTCT) of HIV, and in HIV vaccine development. Her nonhuman primate (NHP) models show how passive treatment with NAbs (IgG) during acute infection accelerate the development of effective NAbs.

Her novel findings have implications for both vaccines and for therapies and provide evidence for additional beneficial roles for NAbs beyond direct protection and the creation of viral reservoirs.

Nancy is a Senior Scientist, Adjunct Professor of Molecular Microbiology and Immunology, and Director of the Oregon National Primate Research Centre at Oregon Health & Science University. She recently served as Chairman of the NIH AIDS Vaccine Research Subcommittee and as a member of the Scientific Advisory Committee for the International AIDS Vaccine Initiative.

Monday, 20 February 2017  
Auditorium  
3.00 - 4.00pm

The Peter Doherty Institute for Infection and Immunity  
792 Elizabeth St  
Melbourne

