



Garvan Institute of Medical Research

Leaders in Science & Society



Prof Katherine Kedzierska

Head, Human T cell Immunity Laboratory
Department of Microbiology & Immunology, University of Melbourne
The Peter Doherty Institute for Infection & Immunity

“Universal CD8⁺ T cell immunity to influenza viruses across human life-span and tissue compartments”

Monday 5 November 2018 12PM, AUDITORIUM

Host: Prof Chris Goodnow

Prof Katherine Kedzierska is a laboratory head in Department of Microbiology and Immunology, University of Melbourne, at the Peter Doherty Institute for Infection and Immunity.

Katherine received her PhD from Monash University in 2002. Her studies, undertaken at the Burnet Institute, proposed mechanisms of why HIV-infected patients develop specific opportunistic infections as their disease progresses. Her PhD work was recognised by the 2001 Premier’s Commendation for Medical Research, 2002 Monash University Mollie Holman Doctoral Medal and an NHMRC Peter Doherty Postdoctoral Fellowship to pursue her postdoctoral research with Laureate Professor Peter Doherty at University of Melbourne. Her postdoctoral work was focused on the early establishment of influenza-specific CD8⁺ T cell memory, TCR repertoire diversity and viral escape in a mouse model of influenza virus infection. In 2007, she got awarded an NHMRC RD Wright Fellowship and grant funding to establish her own research team.

She is currently an NHMRC Senior Research Fellow and a group leader of ‘Human T cell Laboratory’ in Department of Microbiology and Immunology at University of Melbourne. Her research interests include human T cell immunity to pandemic, seasonal and newly emerged influenza viruses, anti-viral immunity in the young, the elderly and Indigenous Australians, viral escape and generation of immunological memory in human influenza infection.

Katherine is a recipient of a number of prestigious awards, including 2016 Australian Academy of Science Jacque Miller Medal, 2011 NHMRC Excellence Award and 2011 Scopus Young Researcher of the Year Award. She is an Adjunct Professor at Fudan University, Shanghai, China and a Co-Director of the Sino-Australia Joint Research Laboratory for the Emerging and Re-emerging Infectious Disease Research, Fudan-Melbourne University, located at the Shanghai Public Health Clinical Centre. Katherine is a Co-Head of Indigenous Health at the Doherty Institute