

Garvan Institute of Medical Research

Leaders in Science



A/Professor Stuart Tangye

NHMRC Principal Research Fellow

Immunology Program, Garvan Institute of Medical Research

“Molecular regulation of human immune responses”

Monday 25 August, 2014 | 12PM, NAB AUDITORIUM

Host: Professor Robert Brink

Dr Stuart Tangye is an NHMRC Principal Research Fellow and an Associate Professor in the Faculty Medicine, University of NSW. He completed his PhD on B-cell leukemia at UTS in 1995 and then undertook postdoctoral training at the DNAX Research Institute for Molecular and Cellular Biology (Palo Alto California, USA; 1996-1999). He returned to Australia in 2000 as a University of Sydney Research Fellow to work with Dr Phil Hodgkin at the Centenary Institute of Cancer Medicine and Cell Biology (University of Sydney). He established an independent research lab in 2002, and was recruited to the Garvan Institute in 2006. His research interests focus on human immunobiology in health and disease. This is achieved by studying lymphocyte development, signalling, differentiation and effector function in patients with diseases resulting from monogenic loss- or gain-of-function mutations in key regulators of immune responses, as well as in corresponding animal models of these human conditions. In the past few years, his lab has made significant contributions to elucidating how these mutations result in some of the clinical features that are associated with human primary immunodeficiencies. He has been funded by fellowships and project and program grants awarded by the NHMRC, Cancer Council NSW, XLP Research Trust and Association for International Cancer Research. Since 1995, he has published >110 peer-reviewed articles and invited reviews and in 2011 he received the Gottschalk Medal from the Australian Academy of Sciences, which recognises “outstanding research in the medical sciences by scientists no more than 40 years of age”.