SIgN
A*STAR

SIgN Immunology Seminar



Prof Michael Hickey

Centre for Inflammatory Diseases,
Monash University, Australia

'Fantastic Voyage' – Viewing leukocyte function in inflammatory responses

Host
Dr Ng Lai Guan
Singapore Immunology Network,

Date
Friday
30 June 2017

Time
11am – 12pm

Venue
SIgN Seminar Room
Immunos Building
Level 4
Biopolis

Our laboratory uses in vivo multiphoton and spinning disk confocal microscopy to examine the actions of leukocytes in a range of inflammatory responses. This presentation will focus on two aspects of our work. Data will be presented on the actions of neutrophils, monocytes and T cells in the glomerulus in the kidney in various models of glomerular inflammation, and the roles of the interactions between these subsets in promotion of glomerular injury. Secondly it will examine trafficking of regulatory T cells in the skin, and the intravascular endothelial cell interactions undergone by this low abundance subset in a model of hapten-induced contact sensitivity.