SIgN Immunology Seminar



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The Janus Face of Neutrophil Granulocytes: Guardians against infection or gravediggers of tissue integrity

Host
Dr Ng Lai Guan
Singapore Immunology Network,

Date
Wednesday
14 June 2017

Time
11am – 12pm

Venue
SIgN Seminar Room
Immunos Building
Level 4
Biopolis

Polymorphonuclear neutrophils (PMN) are a central cell type of the innate immune defense. We have investigated their function in a variety of physiological or infectious and sterile inflammatory conditions. In my talk I will show how PMNs work both in vitro and in vivo. We have investigated a number of animal models to demonstrate that they can provide effective anti-infectious protection. Yet, at the same time they can have highly deleterious side effects. We now have started to transfer our knowledge to the human situation and find interesting correlations but also specific features.