Prof Alessandro Sette has devoted more than 20 years in understanding and measuring immune responses, and developing disease intervention strategies against autoimmunity, cancer and infectious diseases. Infectious diseases targets include HIV, HBV and HCV and more recently poxviruses, influenza, arena viruses, SARS, malaria and tuberculosis. His laboratory is defining in chemical terms what murine, non-human primate and human immune system recognizes and uses this knowledge to measure and understand anti-pathogen immune responses. This approach is helping to shed light on how the body successfully battles infection, and conversely, how pathogens escape the immune system, causing the individual to succumb to disease.

Co-Hosts:
Prof Salvatore Albani, Director, SingHealth Translational Immunology and Inflammation Centre; and Professor, Duke-NUS Graduate Medical School.
Prof Nicholas Gascoigne, Head of Department of Microbiology, Yong Loo Lin School of Medicine, National University of Singapore.
Dr Evan Newell, Principal Investigator, Singapore Immunology Network (SIgN), A*STAR.