SingHealth DukeNUS
ACADEMIC MEDICAL CENTRE
Infectious Diseases Research Institute

Infectious Diseases Research Institute Webinar Series

Mast Cells as Targets for Prognosis and Treatment of Dengue Haemorrhagic Fever

Tuesday, 27 October 2020

Via Zoom

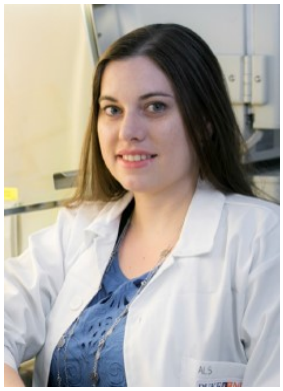
11:00 - 12:00 PM

The talk will address understanding of the immune mediated mechanisms of vascular pathology, including microvascular permeability thrombocytopenia, haemorrhaging and shock as well as identify risk factors and biomarkers for severe dengue.

Click here to register

CME Points will be awarded subject to SMC event approval.

Speaker Details



Ashley Lauren St. John

Associate Professor, Prog. in Emerging Infectious Diseases, Duke-NUS Medical School

- Ph.D. (Immunology) from Duke University, 2010
- Expert in viral immunology, with a focus on immunity to vector-borne pathogens such as dengue and Zika viruses. She has a long-standing interest in lymphotropic pathogens that target lymphoid tissue as a virulence strategy and in immune responses to respiratory viral pathogens such as respiratory syncytial virus and SARS-CoV-2.

Research Expertise:

- Innate and adaptive immune responses to dengue
- Mast cell responses to viral pathogens
- Flavivirus-induced vascular pathology
- Vertical transmission of Zika virus infection
- Developing novel vaccination strategies, diagnostics, and therapeutics for infectious diseases and allergic diseases