



Awardees for HealthTech NTU - LKCMedicine – NHG Point Of Care Technology For Infectious Diseases Grant Call 2017

Award Period: 1 Oct 2018 to 30 Sep 2019 (1 year)

Project No.	Project Title	Clinical Co-Principal Investigator	Technical Co-Principal Investigator	Co-Investigator(s)
ID POCT/17001	Developing a Digital Microfluidic Point-of-Care Platform for the Diagnostics of Infection Caused by Carbapenemase Resistance in Gram Negative Bacilli	Dr. Shawn Vasoo <i>Institute of Infectious Diseases and Epidemiology (IIDE) / Tan Tock Seng Hospital (TTSH)</i>	Asst. Prof. Zhang Yi <i>School of Mechanical and Aerospace Engineering (MAE), Nanyang Technological University (NTU)</i>	Assoc. Prof. Yeo Tsin Wen <i>Lee Kong Chian School of Medicine (LKCMedicine), Nanyang Technological University (NTU)</i>
ID POCT/17002	A Highly Sensitive Photoacoustical Surface Acoustic Wave (PASAW) Sensor for Early-Detection of Malaria	Dr. Shawn Vasoo <i>Institute of Infectious Diseases and Epidemiology (IIDE) / Tan Tock Seng Hospital (TTSH)</i>	Assoc. Prof. Zheng Yuanjin <i>School of Electrical and Electronic Engineering (EEE), Nanyang Technological University (NTU)</i>	Assoc. Prof. Yeo Tsin Wen <i>Lee Kong Chian School of Medicine (LKCMedicine), Nanyang Technological University (NTU)</i>
ID POCT/17003	An integrated microfluidic urine impedance cytometer for rapid inflammation, pathogen and resistance detection	Dr. Shawn Vasoo <i>Institute of Infectious Diseases and Epidemiology (IIDE) / Tan Tock Seng Hospital (TTSH)</i>	Asst. Prof. Hou Han Wei <i>School of Mechanical and Aerospace Engineering (MAE), Nanyang Technological University (NTU)</i>	(Clinical) Assoc. Prof. Yeo Tsin Wen <i>Lee Kong Chian School of Medicine (LKCMedicine), Nanyang Technological University (NTU)</i> & (Technical) Asst. Prof. Li King Ho, Holden <i>School of Mechanical and Aerospace Engineering (MAE), Nanyang Technological University (NTU)</i>