



Infectious
Diseases Labs

ID LABS

ID LABS SEMINAR SERIES



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Wednesday 14th July 2021
11am to 12pm (SGT)

Join zoom meeting [here](#)
Meeting ID: 977 0171 5028
Passcode: 018739



Webinar is open to all
No registration required

Lessons from one of the fastest mutating virus – HIV

Can an ongoing old pandemic teach us anything about the ongoing and future pandemic? First documented in 1959 and later discovered in 1983, HIV is near retirement age or approaching mid-life crisis. Yet it continues to infect and kill millions annually despite years of research. There is much that HIV can teach us as one of the fastest known mutating virus. This talk will cover our learnings on drug resistance to mutation prediction from HIV and how they may be applied to other other viruses.

*Dr Samuel Gan is a Senior Principal Investigator at the Antibody and Product Development Lab of A*STAR's Experimental Drug Development Centre (EDDC) & Bioinformatics Institute (BII) and adjunct Associate Professor at James Cook University Singapore (JCUS). Gan's cross-disciplinary research interests include antibody engineering and virus drug resistance for sagacious drug design. He has been recognized as one of the "world's most promising researchers" in the Interstellar Initiative by the New York Academy of Sciences and the Japan Agency for Medical Research and Development, as well as one of the 30 world-class fusion innovators in the book "Innovation Through Fusion" by SP Jain School of Global Management and Bronze winner team of Merck's 'Connectivity Challenge 2020' International Innovation Challenge.*