



Infectious  
Diseases Labs

ID LABS

## Dr Gabriel Yan

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**Wednesday 27<sup>th</sup> November 2024**

**11:00 AM to 12:00 PM (SGT)**

**Venue: Cistron A & B, Matrix Level 5**



## Diagnostic Impediments in Infectious Diseases

Molecular diagnostics for virology have improved pathogen identification to within an hour or two. Standard bacteriology requires a minimum of half a day for bacteria to be cultured and identified, and an additional three-quarters of a day to determine the best antibiotic to be used. For fungi, identification alone may take up to nearly a month. And there is the dreaded Pathogen X. This talk will share my experiences on the various hats related to infectious diseases that I wear – namely, what are we lacking still in the realm of diagnostics for infectious diseases, clinical microbiology, and public health?

**Dr Gabriel Yan** is an Infectious Diseases specialist and Clinical Microbiologist practicing at the National University Hospital. He also has an appointment as a visiting consultant at the National Public Health Laboratory, and is an adjunct senior lecturer at the National University of Singapore. His primary clinical and research interest is in the diagnostic dilemmas of pyrexias of unknown origin, and the crucial role that diagnostics play in it. In addition, he is perennially fascinated by the history of contagion and the selection pressures it has afflicted upon humankind.

**Hosted by: Prof Lisa Ng**

**Seminar is open to all. No registration required.**

Questions? Contact us at [seminars@idlabs.a-star.edu.sg](mailto:seminars@idlabs.a-star.edu.sg)

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