



## Webinar 1

# The role of evolutionary and ecological factors in pandemics like COVID-19

### Webinar details:

2 Jun 2020, SGT 4pm - 5pm, Zoom

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### Synopsis:

This session will provide an overview of the role of evolution in host-pathogen interaction within the ecological system and its impact on disease control and prevention. A collaborative lens will be applied to understand how our environment, animal health and human health are all integral parts of one ecosystem. The speakers will discuss the impact of systems of production, land usage, extraction of natural resources, etc. and on the increased risk of disease spill over.

### Speakers:



**[Dr James Rudge](#)**

Assistant Professor, Infectious Disease Epidemiology, London School of Hygiene & Tropical Medicine, Communicable Diseases Policy Research Group (CDPRG Bangkok Office)



**[Prof Gavin Smith](#)**

Research Core Lead, SingHealth Duke-NUS Global Health Institute  
Professor, Emerging Infectious Diseases Programme, Duke-NUS