

15th September 2025 (Monday)

Symposium on the Pandemic Threat of Influenza and Other Respiratory Viruses

Convening global experts in virology, immunology, structural biology, and antiviral strategies for a full day symposium focused on lessons learned to address the pandemic threat of influenza and other respiratory viruses



Opening remarks by

Prof. Patrick Tan, MD, PhD *Dean-designate of Duke-NUS Medical School*

Sessions will be chaired by



Prof. Gavin Smith, PhD

Programme Director and Professor, Signature Research Programme in Emerging Infectious Diseases at Duke-NUS Medical School



Prof. Paul Ananth Tambyah, MBBS, MD

Professor, Medicine at NUS Yong Loo Lin School of Medicine; Senior Consultant at NUH

Speakers



Prof. Linfa Wang, PhD, FTSE, FAAM, FSNAS

Professor, Signature Research Programme in Emerging Infectious Diseases at Duke-NUS Medical School; Executive Director of the Programme for Research in Epidemic Preparedness and Response (PREPARE)



Prof. Chen Hualan, PhD

Professor, Harbin Veterinary Research Institute of Chinese Academy of Agricultural Sciences; Director, National Avian Influenza Reference Laboratory of China



Prof. Ian A. Wilson, DPhil, DSc, FRS

Hansen Professor of Structural Biology; Department of Integrative Structural and Computational Biology at The Scripps Research Institute



Prof. Daniel Douek, MD, PhD

Senior Investigator and Chief of Human Immunology Section, Genome Analysis Core and PREMISE pandemic preparedness program at Vaccine Research Centre, NIAID, NIH



Prof. Leo Poon, DPhil, FFPH

Professor of Virology; Chair of Public Health Virology, Li Ka Shing Faculty of Medicine at The University of Hong Kong



Prof. Dan Barouch, PhD

William Bosworth Castle Professor of Medicine and Professor of Immunology at Harvard Medical School; Director of the Center for Virology and Vaccine Research (CVVR) at Beth Israel Deaconess Medical Center; Member, National Academy of Medicine



Prof. Jaap Goudsmit, MD, PhD

Adjunct Professor of Epidemiology and Infectious Diseases at Harvard T.H. Chan School of Public Health; Faculty Affiliate in the Department of Immunology and Infectious Diseases at Harvard T.H. Chan School of Public Health; Chief Scientist, Leyden Labs

Location: **Duke-NUS Medical School, Level 2 Amphitheatre**
8 College Road, Singapore 169857 (with livestream)

Register here:

<https://www.gevme.com/symposium-10136594>



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Symposium Program

Time	Session	Topic
8:30 AM	Registration – Coffee and breakfast	
9:00 AM	Opening Remarks – Prof. Patrick Tan	
9:20 AM	Session Chair Address – Prof. Gavin Smith	
	Prof. Linfa Wang	Bats as a key reservoir of emerging zoonotic viruses
	Prof. Daniel Douek	Immuno-epidemiology as a tool to predict outbreaks of respiratory viruses
	Prof. Leo Poon	Are we ready for the next one? Lessons from influenza and coronaviruses
11:45 PM	Lunch Break & Networking	
12:50 PM	Session Chair Address – Prof. Paul Ananth Tambyah	
	Prof. Ian Wilson	Five decades of structural biology on influenza virus surface antigens
	Prof. Chen Hualan	Control of highly pathogenic avian influenza in animals through vaccination
2:30 PM	Coffee Break	
2:50 PM	Prof. Dan Barouch	Correlates of protection for respiratory virus vaccines
	Prof. Jaap Goudsmit	Universal antibodies covering new respiratory viruses delivered by nose spray platform technology: a practical starting point to prevent pandemics
4:30 PM	Cocktail reception & networking	
5:30 PM	End	

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