

THURSDAY, 25 JUNE 2026

08:45-09:30

Keynote Speaker Session I

MERS: Knowledge gaps

Peiris Malik, The University of Hong Kong (CN)

Grand Hall

09:30-11:05

Scientific Session 2.1 Topic: Pathogenesis

Chairs: Hin Chu, The University of Hong Kong (CN)

Bart Haagmans, Erasmus MC (NL)

Grand Hall

09:30-09:55

Invited speaker talk

Neurological PASC in humans and mice

Stanley Perlman, The University of Iowa (US)

09:55-10:10

Betacoronavirus internal protein: role in immune evasion and viral pathogenesis

Roy Wong, Rutgers Health (US)

10:10-10:25

Why Did SARS-CoV Not Cause a Pandemic: Comparative Pathogenesis and Transmission Studies in Hamsters

Melanie Rissmann, Erasmus Medical Center (NL)

10:25-10:40

An adult stem cell-based organoid platform to assess virus tropism in the human upper and lower respiratory tract

Trena WX Lee, Duke NUS (SG)

10:40-10:50

A nucleocapsid R204P mutation in SARS-CoV-2 Omicron XEC enhances inflammation and pathogenicity

Shuhei Tsujino, Kyushu University (JP)

10:50-11:00

Strain-dependent Infection Outcomes of Feline Infectious Peritonitis Virus in Conventional Mice

Keisuke Nakagawa, Gifu University (JP)

11:00-11:10

Mechanism of palmitoylation of MERS-CoV S protein

Zhaohui Qian, Chinese Academy of Medical Sciences & Peking Union Medical College (CN)

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11:10-11:25

Coffee Break

Poster Hall

11:25-13:00

Scientific Session 2.2 Topic: Virus-host Interaction I

Chairs: Hin Chu, The University of Hong Kong (CN)
Helena Maier, The Pirbright Institute (GB)
Chee Wah Tan, National University of Singapore (SG)

Grand Hall

11:25-11:50

Invited speaker talk Coronaviruses Suppress Innate Immune Response by Targeting Nucleo-cytoplasmic Trafficking system

Ying Liao, Shanghai Veterinary Research Institute, CAAS (CN)

11:50-12:05

Dynamics of coronavirus-host cell protein interactions in assembly and egress

Brenda Hogue, Arizona State University (US)

12:05-12:20

Host-mediated ADP-ribosylation targets multiple stages of the coronavirus replication cycle

Anthony Fehr, University of Kansas (US)

12:20-12:30

From Bat to Human and Back: A Single Nucleocapsid Mutation Enables SARS-CoV-2 Replication in Greater Horseshoe Bat Cells

Magdalena Rutkowska, Icahn School of Medicine at Mount Sinai (US)

12:30-12:40

Comparative analysis in human respiratory epithelial cultures reveals patterns that distinguish pathogenic from seasonal human coronaviruses

Matthew Gartner, University of Melbourne (AU)

12:40-12:50

Gasdermin Family Proteins as Innate Immune Effectors in Coronavirus Infection

Pinghuang Liu, China Agricultural University (CN)

12:50-13:00

The Accessory Protein 3a of IBV Activates the NLRP3 Inflammasome in Renal Collecting Ducts via ER Calcium Mobilization and Mitochondrial ROS-Driven Mechanisms Contributing to Nephropathogenesis

Ye Zhao, China Agricultural University (CN)

13:00-14:00

Lunch Time

Poster Hall

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14:00-14:45		Scientific Session 2.3 Topic: Virus-Host Interaction II	Grand Hall
		Chairs: Hin Chu, The University of Hong Kong (CN) Helena Maier, The Pirbright Institute (GB) Chee Wah Tan, National University of Singapore (SG)	
14:00-14:15	Comparing SARS-CoV-2 and MERS-CoV host responses to understand transmission and pathogenesis Ziqi Zhou, Queen Mary University of London (GB)		
14:15-14:25	Functional Genomics and Transcriptomics of Porcine Alphacoronavirus Transmissible Gastroenteritis Virus Identifies Host Factors Associated with Viral Replication and the Cellular Immune Response Andrew Hanton, University of Edinburgh (GB)		
14:25-14:35	Contribution of SARS-CoV-2 ORF7a to virion release and virus virulence Isabel Sola, National Center for Biotechnology (CNB-CSIC) (ES)		
14:35-14:55		Global Perspectives on Epidemic and Pandemic Preparedness I PREPARE Sharing Session CORC-CoV – Coronavirus Research & Development Roadmap Marcus Mah, PREPARE (SG)	 Grand Hall
14:55-16:55		Coffee Break and Poster Session I	Poster Hall
1700		Local Excursion (by pre-registration only)	
17:00-18:30		HKU Campus Guided Tour OR	
17:30-20:00		Tramways x HK Island Tour	