

08:45-09:30

Keynote Speaker Session II

On a journey with coronavirus replication organelles: how far have we come?

Helena Maier, The Pirbright Institute (GB)

Grand Hall

09:30-11:05

Scientific Session 3.1 Topic: Immune Response to Virus Infection

Chairs: Stanley Perlman, University of Iowa (US)
Susan Weiss, University of Pennsylvania (US)

Grand Hall

09:30-09:55

Invited speaker talk

Coronavirus activation of interferon signaling pathways is critical for control of infection in the nasal epithelium

Susan Weiss, University of Pennsylvania (US)

09:55-10:10

Investigating the role of Toll-like receptor 7 in SARS-CoV-2 infection using golden hamsters

Ziyi Guo, The University of Tokyo (JP)

10:10-10:25

SARS-CoV-2 Balances Antigenic Evolution and Replicative Fitness in Human Airways

Anna Mykytyn, Erasmus MC (NL)

10:25-10:35

Chronic Infection Drives Evolution of SARS-CoV-2 Innate Immune Antagonism

Xiaohao Xu, King's College London (GB)

10:35-10:45

Bat-specific adaptations in interferon signaling and GBP1 contribute to enhanced antiviral capacity

Arinjay Banerjee, University of Saskatchewan (CA)

10:45-10:55

Infection-induced immune imprinting following SARS-CoV-2 exposure in unvaccinated populations

Adam Abdullahi, University of Cambridge (GB)

10:56-11:05

Flash Talks and Discussions

Cross-species quantification of antiviral immune responses from large-scale RNA-seq data using ISG Profiler

Luca Nishimura, The University of Tokyo (JP)

Cellular innate immune determinants of SARS-CoV-2 clearance and disease severity

Margarida Bonifacio, The Francis Crick Institute (GB)

FRIDAY, 26 JUNE 2026

11:05-11:25

Coffee Break

Poster Hall

11:25-12:40

Scientific Session 3.2 Topic: Virus Transmission and Vaccines

Chairs: Yunlong Cao, Peking University (CN)
Stanley Perlman, University of Iowa (US)

Grand Hall

11:25-11:50

Invited speaker talk Airborne transmission of SARS-CoV-2

Kanta Subbarao, Université Laval (CA)

11:50-12:05

Population-wide SARS-CoV-2 antibody repertoire heterogeneity driven by immune imprinting

Yunlong Cao, Peking University (CN)

12:05-12:20

Breadth and kinetics of antibody-mediated immunity to SARS-CoV-2 variants in highly-vaccinated individuals receiving monovalent KP.2 mRNA COVID-19 booster vaccines

Daniel Egan, University of Cambridge (GB)

12:20-12:35

SARS-CoV-2 Variants Employ Diverse Strategies to Sustain Efficient Airborne Transmissibility

Jie Zhou, Imperial College London (GB)

12:35-12:40

Flash talk and Discussions COVID-19 vaccination induces cross-neutralisation of sarbecoviruses related to SARS-CoV-2

Grace West, University of Cambridge (GB)

12:40-13:00

Global Perspectives on Epidemic and Pandemic Preparedness II CEPI Sharing Session CEPI CoV Library

Georges Thiry / José Slon Campos
CEPI (Coalition for Epidemic Preparedness Innovations)

CEPI
Grand Hall

13:00-14:00

Lunch Time

Poster Hall

FRIDAY, 26 JUNE 2026

14:00-15:35 Scientific Session 3.3 Topic: Vaccines

Chairs: Yunlong Cao, Peking University (CN)
Bart Haagmans, Erasmus MC (NL)
Chee Wah Tan, National University of Singapore (SG)

Grand Hall

14:00-14:25	Invited speaker talk Attenuation of PEDV Virulence by an NSP3 Mac1 Mutation with Unchanged In Vitro Replication QiuHong Wang, The Ohio State University (US)
14:25-14:40	Mouse V(D)J Humanization Recapitulates human-like Severe SARS-CoV-2 Immune Imprinting Xiao Niu, Peking University (CN)
14:40-14:55	mRNA-based COVID-19 JN.1 Vaccination Induces Partial Protection Against SARS-CoV Merel te Marvelde, Erasmus Medical Center (NL)
14:55-15:05	Application of Organoid-Derived Human Bronchiole Cultures for Manufacture of Human Coronaviruses Used in Controlled Human Infection Models Jingshu Zhang, Erasmus MC (NL)
15:05-15:15	Broad Sarbecovirus Neutralization Elicited by a Synthetic SARS-CoV-2-Based Variant Immunogen Cocktail Viren Baharani, The Rockefeller University (US)

15:15-15:35 Coffee Break

Poster Hall

15:35-16:25	Global Perspectives on Epidemic and Pandemic Preparedness III The Hong Kong Jockey Club Global Health Institute Sharing Session Introduction to The Hong Kong Jockey Club Global Health Institute Frank Konings, The Hong Kong Jockey Club Global Health Institute Lessons from SARS CoV 2 intrahost evolution in immune suppression Ravindra Gupta, University of Cambridge (GB) Panel discussion Moderator: Leo Poon, The Hong Kong Jockey Club Global Health Institute
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The Hong Kong Jockey Club
Global Health Institute
香港賽馬會環球衛生研究院



Grand Hall

16:25-18:00 Poster Session II

Poster Hall

19:00-21:45 Conference Dinner

Hotel in Wan Chai