

International Joint Usage/Research Center Young Researchers Symposium

"Talking to young virologists in the world"

Date & Time: 31 October 2025, 1:00PM -

Venue: Auditorium, Bldg. 1, IMSUT

Organizer: Kei Sato

Speakers:

Mart Lamers (Duke-NUS, Singapore)

Jeremy Dufloo (University of Valencia, Spain)

Spyros Lytras (IMSUT, Tokyo)

Mahan Ghafari (University of Oxford, UK)

Mario Pena-Hernandez (Yale University, USA)

Erin Harvey (Friedrich-Loeffler-Institut, Germany)

Jelke Fros (Wageningen University, The Netherlands)

Emiko Urano (NIBN, Japan)

Contact: thesatolab_backoffice@googlegroups.com



The Institute of Medical Science
The University of Tokyo

Program at a Glance

	Session / Presentation Title	Speaker	Chair
13:00-13:05	Opening Remark	Kei Sato	
13:05-13:30	CRISPR/Cas9-Mediated Genetic Engineering of Organoids to Study Coronavirus Host Factors	Mart Lamers	Kei Sato
13:30-13:55	Entry of animal viruses into human cells: role in zoonosis and molecular determinants	Jeremy Dufloo	
13:55-14:10	Break		
14:10-14:35	Tracing the evolutionary history of emerging coronaviruses through space and time	Spyros Lytras	Shusuke Kawakubo
14:35-15:00	On persistent SARS-CoV-2 infections and their contribution to between-host viral diversity and the emergence of highly divergent variants	Mahan Ghafari	
15:00-15:30	Break		
15:30-15:55	Functional assessment of bat-borne coronavirus pandemic potential	Mario Pena-Hernandez	Spyros Lytras
15:55-16:20	Exploring the Australian virome through metagenomics	Erin Harvey	
16:20-16:35	Break		
16:35-17:00	Insect-specific and mosquito-borne virus infection of mosquitoes	Jelke Fros	Keiya Uriu
17:00-17:25	Understanding of SARS-CoV-2 pathogenicity and immune responses induced by viral infection in a COVID-19 macaque model	Emiko Urano	
17:25-17:30	Closing Remark	Kei Sato	