



17th Smögen Summer Symposium on Virology

August 21, 2020

Program

Arranged by Swedish Society for Virology

<http://www.swedishvirology.se>

Welcome to the 17th Smögen Symposium on Virology!

It is a pleasure for the Organizing Committee to announce that there will be a 17th symposium, however it will be held online on Friday, August 21, 2020 due to the current coronavirus situation.

This meeting will focus on SARS-CoV-2 and COVID-19. We have three excellent keynote speakers: Drs Bart Haagmans, Marion Koopmans and Stefan Pöhlmann. A zoom link for the meeting will be sent via email to all registered participants. Please connect to the meeting on time. Those who are scheduled to give a presentation please email me your slides no later than August 20, as they will be shown as share screen on the same computer.

Kristina Nyström, Niklas Arnberg, David Persson, Lennart Svensson, Michael Lindberg och Åke Lundkvist



Friday, August 21

08.00-09.00 Meeting connect time

09.00 Welcome and Practical Information: Kristina Nyström

9.05-10.15 Session 1: Coronaviruses

Clas Ahlm	Umeå	COVIDENZA – a clinical trial with enzalutamide as antiviral treatment of coronavirus disease 2019 (COVID-19)
------------------	------	--

Neogi Ujjwal	Stockholm	Host directed therapy targeting Akt/mTOR pathway as a novel therapeutic target against SARS-CoV-2
---------------------	-----------	---

Johan Lennerstrand	Uppsala	Identification of protease inhibitors against SARS-CoV-2
---------------------------	---------	--

Ben Murrell	Stockholm	CoroNAb: Neutralizing antibodies and nanobodies against SARS-CoV-2 - an overview.
--------------------	-----------	---

Leo Hanke	Stockholm	Potent Neutralization of SARS-CoV-2 using Nanobodies
------------------	-----------	--

Benjamin Nilsson-Payant	New York	SARS-CoV-2 induces an imbalanced inflammatory host response mediated by NFκB
--------------------------------	----------	--

Sara Thuresson	Lund	Air sampling of SARS-CoV-2 in hospital wards
-----------------------	------	--

Niklas Björkström	Stockholm	The Karolinska COVID-19 Immune Atlas
--------------------------	-----------	--------------------------------------

10.15-10.45 Coffee Break

10.45-12.30 Session 2: Other viruses

Emil Johansson	Lund	Development of a novel phenotypic assay to determine the impact of genetic linkage between HIV-1 gene segments on virus replicat
-----------------------	------	--

Lydia Scharf	Stockholm	HIV-2 debilitates co-stimulation of CD8 T-cells despite low-level viremia
---------------------	-----------	---

George Makau Nduva	Lund	The Molecular Epidemiology of HIV-1 in Kenya: Origin, diversity, temporal and geographic spread
---------------------------	------	---

Nicole Marquardt	Stockholm	Human NK cell trafficking in severe respiratory viral infections
-------------------------	-----------	--

Han Wang	Uppsala	Acquired structure-functions of the metazoan totivirus-like dsRNA viruses
Anders Kvarnheden	Uppsala	Climate change and increased risk for infection of crops with turnip yellows virus
Damian Donath	Uppsala	Diversity of the viruses in hard ticks collected from wildlife-livestock interface ecosystem of Mikumi National Park, Tanzania.
Pham Long	Ba Dinh district, Vietnam	Dogs as sentinels for Japanese Encephalitis virus exposure in urban of Hanoi
Ya-Fang Mei	Umeå	Susceptibility of dog, hamster, and mouse cells to replication-competent adenovirus 11p E1/E3 GFP vectors for vaccine purpose
Igge Gustafsson	Stockholm	Presence of human herpes virus 6, BK virus, and parvovirus B19 in adult hematological patients with febrile neutropenia
Yaoska Reyes	Linköping	Secretor status has a strong impact on the incidence of norovirus infection in a birth cohort in Nicaragua.
12.30-13.30	Lunch	
13.30-14.10	Keynote 1	
Dr. Stefan Pöhlmann	Göttingen, Germany	SARS-CoV-2 entry into cells and its inhibition
14.10-14.50	Keynote 2	
Dr. Bart Haagmans	Rotterdam, The Netherlands	Comparative pathogenesis of COVID-19, MERS, and SARS
14.50-15.20	Coffee Break	
15.20-16.00	Keynote 3	
Dr. Marion Koopmans	Rotterdam, The Netherlands	SARS COV 2: the birth and evolution of the first pandemic of this millennium

16.00 Annual Meeting Swedish Society for Virology (in Swedish)
(immediately after the last talk)