

12TH TWINCORE SYMPOSIUM

3 September 2020 | WEBINAR

“SARS-CoV-2: News from Lower Saxony”

Programme

- 10.00-10.05 **Ulrich Kalinke**
Welcome address „ 12th TWINCORE Symposium“
- 10.05-10.45 **Björn Thümler**, Minister of Science and Culture in Lower Saxony
Greeting and interview
- 10.45-11.15 **Mark Philipp Kühnel**, Hannover Medical School
Key Note Lecture: How the coronavirus damages the lungs
- 11.15-11.30 **Patrick Cramer**, Max Planck Institute of Biophysical Chemistry
Mechanism of coronavirus replication and its inhibition by Remdesivir
- 11.30-11.45 **Christian Schultze-Florey**, Hannover Medical School
Reappearance of effector T cells is associated with recovery from COVID-19
- 11.45-12.00 **Monika Strengert**, Helmholtz Centre for Infection Research
Going beyond clinical routine in SARS-CoV-2 antibody testing - A multiplex corona virus antibody test for the evaluation of cross-reactivity to endemic coronavirus antigens
- 12.00-12.15 **Britta Eiz-Vesper**, Hannover Medical School
Covid-19 immune signatures reveal stable antiviral T-Cell function despite declining humoral responses
- 12.15-12.30 **Stefan Pöhlmann**, German Primate Center
SARS-CoV-2 entry into cells and its inhibition
- 12.30-13.30 **Break**
- 13.30-14.00 **Sandra Ciesek**, University Hospital Frankfurt
Key Note Lecture: Development of antiviral strategies against SARS-CoV-2
- 14.00-14.15 **Simone Scheithauer**, University Medical Center Göttingen
SmICS goes COVID-19: Infection control and surveillance
- 14.15-14.30 **Gisa Gerold**, TWINCORE / University of Veterinary Medicine Hannover, Foundation
Lipid lowering drugs: Risk or hope for COVID-19 patients?
- 14.30-14.45 **Luka Cicin-Sain**, Helmholtz Centre for Infection Research
Rapid and targeted SARS-CoV2 evolution
- 14.45-15.00 **Asisa Volz**, University of Veterinary Medicine Hannover, Foundation
New vaccines against emerging zoonotic infections: From animal models to clinical evaluation
- 15.00-15.15 **Tanmay Mitra**, Helmholtz Centre for Infection Research
COVID-19 epidemic dynamics in Germany: Retrospective and prospective analysis with epidemiological modeling
- 15.15-15.30 **Jürgen Wienands**, University Medical Center Göttingen
Corona Research Network of Lower Saxony (COFONI)
- 15.30-15.45 Concluding remarks by **Thomas Pietschmann**, TWINCORE

