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
SmIC5 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