



3rd Symposium for Emerging Viral Diseases

Campus Biotech, Geneva, Switzerland, 7-9 December

2022 <https://www.unige.ch/emerging-virus-symposium/>

Christian Althaus :

“Modeling emerging infectious diseases: The past, the present, and the future”



Main affiliation:

University of Bern

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Dr. Christian L. Althaus is a computational epidemiologist and head of the Interfaculty Platform for Data and Computational Science (INPUT) at the Institute of Social and Preventive Medicine (ISPM) at the University of Bern, Switzerland. He is also a member of the directorate of ISPM. After studying biology at ETH Zurich (Switzerland), he received his doctorate in theoretical biology at Utrecht University (The Netherlands). In 2017, he qualified as a university lecturer at the University of Bern medical faculty in the field of infectious disease epidemiology. He uses mathematical and computational modeling in combination with data analyses to investigate how the health of populations and the spread of infectious diseases are affected by environmental changes and public health interventions. Dr. Althaus is an expert for emerging infectious diseases and made major contributions to the better understanding of the transmission dynamics of Ebola, MERS, and COVID-19. He is a member of the Multidisciplinary Center for Infectious Diseases (MCID) and the Bern Data Science Initiative (BeDSI) at the University of Bern, and served as a member of the Swiss National COVID-19 Science Task Force.