

Dr. Christian Drosten has born in 1972 in Lingen, Germany. He continued university studies from 1994 to 2000 at University of Frankfurt/Main Medical School with an experimental thesis in Transfusion Virology (blood donor screening). He graduated in 2000, and got full approval as physician in 2002, and in 2003 obtained the Doctor Medicinae degree. Meanwhile he made specialization, and in 2006 became a Certified Physistian for Virology, Microbiology and Infection Epidemiology. In 2007 he has been appointed full professor in Virology at the University of Bonn.

After graduation in 2000 he had various positions at Department of Virology at Bernhard-Nocht-Institut for Tropical Medicine in Hamburg, and soon became the laboratory head of the molecular diagnostics, and in 2005 the Head of the Clinical Virology Section of the same institute. Since 2007 he is the head of the Institute for Virology at Universitaetsklinikum at the Rheinische Friedrich Wilhelms Universitaet Bonn.

The Institute of Virology in Bonn serves a 1300 bed University hospital in the most populous area of Germany. Its diagnostic laboratories cover all human viruses, with a full spectrum of diagnostic techniques and a strong focus on molecular diagnostics. Research focuses on emerging viral diseases, using Coronaviruses, Alphaviruses and Flaviviruses as main model organisms. Chief questions are the ecological and molecular mechanisms that determine the process of crossing of species barriers and the determinants in this process that can be used for an experimentally-proven risk assessment of reservoir-borne viruses, in order to predict and prevent epidemic viral diseases. Methods include RNA virus reverse genetics, cell biology and animal experimentation, metagenomics and phylogenetics. He has research experience in the molecular diagnostics of clinically important viruses, especially of arboviruses and respiratory viruses. He is extremely active in the basic research on SARS-Coronavirus.

He is coordinator in many different ongoing research projects, including a Research consortium on SARS Pathogenesis and ecology; a Consortium on Chikungunya virus molecular diagnostics; a Concerted project on Coronavirus host and virus ecology in Africa; a project on surface water virus ecology, etc.

Based on his extensive publication activities he became member of the Editorial Board of J Clin Virol, and Eurosurveillance.