

Chris Lauber

Chair – *Nidovirales* Study Group (since 2025)

TWINCORE Centre for Experimental and Clinical Infection Research,
a joint venture between the
Hannover Medical School (MHH) and the
Helmholtz Centre for Infection Research (HZI), Hannover, Germany

Biography

I am a computational virologist interested in RNA virus evolution and viral infection bioinformatics. I hold a Master (2007) in Bioinformatics (University of Jena, Germany) and a PhD (2012) in Virus Bioinformatics (Leiden University, the Netherlands). I am a group leader at the TWINCORE Centre for Experimental and Clinical Infection Research and an Apl. professor at Hannover Medical School, Hannover, Germany.

A focus of my research group is on macroevolution of genetic diversity in RNA viruses and selected eukaryotic DNA viruses, and the interplay of viruses with their hosts. We use computational methods and high-performance computing to discover novel viruses from sequencing data at large scale and we study possible associations of the human virome with health and disease.

I am member of the ICTV *Polyomaviridae* Study Group since 2015, member of the *Hepadnaviridae* Study Group since 2020, and chair of the *Nidovirales* Study Group since 2025.

For further information:

<https://twincore.de/people/prof-chris-lauber>