

Short Bio

Leif Erik Sander, MD

Leif Erik Sander is a physician-scientist specializing in internal medicine, respiratory medicine, and infectious diseases, with a background in experimental immunology. He heads the Department of Infectious Diseases and Critical Care Medicine at Charité – Universitätsmedizin Berlin and leads the research group “Personalized Medicine in Infectious Diseases” at the Berlin Institute of Health (BIH). His clinical team covers all aspects of clinical infectious diseases, including the treatment of critically ill patients with emerging or high-consequence infectious diseases. His research combines mechanistic and translational studies with clinical research to understand the pathogenesis of infectious diseases, with a particular interest in respiratory infections and their short- and long-term effects on human health. His team investigates host immune responses to infection and vaccination, conducts clinical studies in infectious diseases, and develops and evaluates novel vaccines.