

Thomas Leitner, PhD

Thomas Leitner is a Laboratory Fellow in the Theoretical Biology & Biophysics group at Los Alamos National Laboratory (LANL). He received his Ph.D. from the Karolinska Institute, Stockholm, Sweden in 1996. He did a postdoc at LANL 1996-1998, with part time at University of California, Irvine, Department of Ecology and Evolutionary Biology. In 1998-2003 he was the head of the HIV & Retrovirus Section at the Swedish Institute for Infectious Disease Control, Sweden, and started a Genomics Core facility at the same institute in 2001. In 2003 he moved back to the Theoretical Biology & Biophysics group at LANL to join the HIV database and to pursue more theoretical aspects of HIV evolution. He now collaborates with experimentalists and other theoreticians in both the USA and Europe. He has published over 150 scientific publications, mostly related to computational analyses of HIV evolution and molecular epidemiology, but also other pathogens and the molecular history of the domestic dog. He enjoys solving problems related to molecular evolutionary processes and their effects on pathogenesis, epidemiology, and the pathogens themselves. Outside science, he loves to explore the great outdoors.