SFB 900

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TITLE

Herpesvirus latency: From neuronal models to integration into host telomeres

SPEAKER

Prof. Benedikt Kaufer
Institute of Virology, Freie Universität Berlin, Germany

LOCATION

Lecture Hall Q, Building J6
MHH, Carl-Neuberg-Str. 1
Hannover

05.4.2018

5.00 PM (s.t.)

» Research of Benedikt Kaufer:

Molecular mechanisms of herpesvirus latency and pathogenesis:
The major interests of my laboratory are the molecular mechanisms of latency and pathogenesis for various alphaherpesviruses including varicella-zoster virus (VZV), Human Herpesvirus 6 and Marek's disease virus (MDV). Over the years, we have developed a number of genetic systems for herpesviruses including the bacterial artificial chromosome (BAC)-based genetic system for VZV. Furthermore, we developed a mutagenesis system that facilitates the manipulation of herpesvirus genomes in any desired manner. These tools allow us to generate a plethora of recombinant herpesviruses and specifically address molecular mechanisms of viral pathogenesis, integration, tumorigenesis and latency.

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