

SFB 900 Seminar Series

ALL GUESTS ARE WELCOME

TITLE

Genome Biology, DNA Sensing and subnuclear platforms during initiation of HSV Infection.

SPEAKER

Prof. Peter O'Hare, Faculty of Medicine, Department of Infectious Disease, Chair in Virology, Imperial College London, UK

LOCATION

Digital Lecture via video conference



28.10.
2021

5.00 PM (s.t.)

» Research of Peter O'Hare

We aim to understand the fundamental virus-host interactions underpinning the critical earliest stages in infection by large complex DNA viruses, focusing on herpes simplex virus as a model system. We are particularly interested in two key areas; firstly, mechanisms of early genome entry and nuclear transport; secondly the competing interactions with the host transcription machinery versus innate immune restriction mechanisms. We are currently pioneering methods combining molecular and cell biology with click-chemistry to study these processes and the single cell and single molecule levels.