

# SFB 900 SEMINAR SERIES

ALL GUESTS ARE WELCOME



## TITLE

CMV vectors for vaccination against HIV/SIV  
and M. tuberculosis



## SPEAKER

Prof. Louis Picker  
Vaccine and Gene Therapy Institute, Oregon Health &  
Science University, Oregon, USA



## LOCATION

Lecture Hall G, Building J1  
MHH, Carl-Neuberg-Str. 1  
Hannover



01.11.  
2017

1.00 PM (s.t.)

### » Research of Prof. Louis Picker:

Researchers in Louis Picker's laboratory focus their studies on memory T cell biology in human and nonhuman primates. They investigate the physiology of T cell memory and effector responses, including mechanisms that control „selection“ of the memory repertoire, the functional specialization of the memory population, and the elements involved in T cell homeostasis and regeneration. At the same time, these scientists are seeking to determine the basis of effective immunity to certain chronic human pathogens, particularly HIV/SIV and cytomegalovirus, and are working on prophylactic and/or therapeutic vaccines against these pathogens. Finally, they are studying how memory T cells are reconstituted after HIV-1 infection or bone marrow transplantation. Picker and his colleagues have developed special expertise in the quantification and functional characterization of antigen-specific memory T cells. They exploit these technologies in the examination of human subjects and rhesus macaque models of chronic viral infection.

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