

MICROBIAL TRANSLOCATION IN THE FIRST DAYS OF HIV/SIV INFECTION

Professor David O'Connor, UW Medical Foundation Professor, UW Medical Foundation Professor, Department of Pathology and Laboratory Medicine, University of Wisconsin-Madison

The earliest events following HIV infection are difficult to study in people but can be modeled in SIV-infected macaque monkeys. We recently observed dramatic microbial translocation into the bloodstream during very early SIV infection. In this talk, we will summarize my group's recent work on hyperacute microbial translocation in SIV infection and discuss how immune activation that may result from this microbial translocation might be mitigated by pegivirus biotherapy.