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Deborah Lenschow, MD, PhD is an Associate Professor of Medicine at Washington University where she is a practicing Rheumatologist and serves as the co-director of the Physician Scientist Training Program. She graduated from the University of Chicago in 1998 obtaining both an MD and PhD in immunology. She then continued her training at Washington University in Internal Medicine followed by a Rheumatology fellowship and postdoctoral studies in the area of viral pathogenesis, joining the faculty in 2006. Her research program is focused on the area of host-pathogen interactions with an emphasis on understanding the type I interferon response through the analysis of interferon subtypes and the functions of downstream interferon induced genes. Recently, her research group has worked to understand the pathogenesis of the re-emerging alphavirus, Chikungunya virus. Through the utilization of patient cohorts, clinical samples, and mouse model, her lab is working to identify the immune factors that regulate disease pathogenesis and to identify novel therapeutic targets.