



Dr. Leifer is an Associate Professor in the Department of Microbiology and Immunology at Cornell University. She received her Bachelor of Science from the University of Maryland College Park and her PhD from the Weill Graduate School of Medical Sciences, Cornell University. While a postdoctoral fellow at the National Cancer Institute she began work on the intracellular localization and trafficking of Toll-like receptors (TLRs). Her lab has focused on nucleic acid sensing Toll-like receptors where they have shown that nucleic acid sensing TLRs exhibit unique localization and trafficking patterns, and that TLR9 is regulated by endogenous negative regulatory cleavage.