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*Welcome to the 4th Dimension: Tracking Leukocyte Migration
in Homeostasis and Inflammation*

Dr. Schenkel is a basic cellular immunologist who is currently an Assistant Professor in the Department of Translational Molecular Pathology, Department of Immunology, and the Department of Laboratory Medicine. He completed his M.D./Ph.D. at the University of Minnesota from 2009-2016. Dr. Schenkel performed his dissertation work in Dr. David Masopust's Lab where he interrogated the ontogeny, distribution, and function of tissue resident memory CD8⁺ T cells in mice after acute viral infection. He then completed his clinical residency in clinical pathology at Brigham and Women's Hospital, his clinical fellowship in transfusion medicine at Harvard Medical School, and a post-doctoral fellowship at MIT in the laboratory of Dr. Tyler Jacks. At MIT, Dr. Schenkel's work focused on understanding how CD8⁺ T cells in the tumor draining lymph node are a critical functional reservoir that can continually seed the tumor microenvironment. Moreover, he found that type I conventional dendritic cells were critical for continuously stimulating CD8⁺ T cells in the tumor draining lymph node. Dr. Schenkel started his laboratory at MD Anderson in 2022. The Schenkel Lab is focused on understanding how tumor and tissue microenvironments engage with immune cells locally and systemically to either drive or inhibit the immune response to cancer.