

Schuettpelz, Laura

Laura Schuettpelz, MD, PhD is an Assistant Professor of Pediatrics in the Division of Hematology/Oncology at Washington University School of Medicine in St. Louis, Missouri. Following the completion of her undergraduate studies at Creighton University, Dr. Schuettpelz pursued both PhD and MD degrees at Northwestern University. She then completed a residency in Pediatrics and a fellowship in Pediatric Hematology and Oncology at Washington University School of Medicine in St. Louis. She joined the faculty of Washington University upon completion of her fellowship in 2011, and she currently serves as the Associate Director of the Fellowship Program in Pediatric Hematology and Oncology at Washington University.

Dr. Schuettpelz's research focuses on understanding how inflammatory signals regulate hematopoietic stem cells (HSCs). In particular, her lab is interested in the role of the pathogen-sensing toll-like receptors (TLRs) in the regulation of both normal and pre-malignant HSCs, as enhanced signaling through these receptors has been implicated in the pathogenesis of HSC disorders such as bone marrow failure and leukemias. The lab is currently using mouse models to define the role of individual TLRs in regulating HSC function both alone and in concert with leukemia-associated oncogenes. Dr. Schuettpelz spent four years as a postdoctoral fellow in the laboratory of Dr. Daniel Link at Washington University prior to starting her own laboratory in 2013. Her research is currently funded by the National Institutes of Health, the American Cancer Society, and the Children's Discovery Institute of Washington University.