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## **HTRS 2019 Mentored Research Award Recipient**



**Bhavya S. Doshi, MD, Instructor, Division of Hematology  
Children's Hospital of Philadelphia, University of Pennsylvania**

**Mentor: Valder R. Arruda, MD, PhD**

**Project Title: "Localization of the mechanism of action of BAFF in factor VIII inhibitor development"**

Dr. Bhavya Doshi is an Instructor in the Division of Hematology within the Department of Pediatrics at the Children's Hospital of Philadelphia. Dr. Doshi completed her undergraduate and graduate medical education at Emory University in Atlanta. She remained at Emory University for her residency in Pediatrics. She completed her fellowship in Pediatric Hematology and Oncology at the Children's Hospital of Philadelphia. During her fellowship, Dr. Doshi discovered that a particular immune signaling molecule pathway is associated with the presence of inhibitors to factor VIII and that targeting this molecule could prevent immune responses to factor VIII in mouse models of hemophilia A. Dr. Doshi's research for this 2019 MRA Project, under the mentorship of Dr. Valder Arruda, focuses on using this system to understand the mechanisms underlying the immune response to factor VIII.