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HTRS 2018 Mentored Research Award Recipient



**Shruti Chaturvedi, MBBS, MCSI, Assistant Professor of Medicine
Johns Hopkins University School of Medicine**

Mentor: Robert Brodsky, MD

Co-Mentor: Michael R. DeBaun, MD, MPH, Vanderbilt University Medical Center

**Project Title: “The Alternate Pathway of Complement in Sickle Cell Disease and
Acute Chest Syndrome”**

Dr. Shruti Chaturvedi received her medical degree from Maulana Azad Medical College, University of Delhi, India, and an Internal Medicine residency at the Cleveland Clinic, in Cleveland, OH. She then completed a fellowship in Hematology and Oncology and a Master of Science in Clinical Investigation (MSCI) degree from Vanderbilt University, during which she was

supported by an American Society of Hematology Research Training Award for Fellows. She joined the Johns Hopkins University faculty in July 2017. Her current research is focused on evaluating mechanisms and treatments for severe sickle cell phenotypes such as acute chest syndrome, improving the care of patients with thrombotic microangiopathies with a focus on long-term complications, and the role of genetic variation in sickle cell complications and thrombotic disorders. For her HTRS MRA project, she will continue her research investigating the role of complement in acute chest syndrome and the genetic risk factors for severe acute chest syndrome phenotypes in sickle cell disease.