

HTRS



**HEMOSTASIS
& THROMBOSIS**
RESEARCH SOCIETY

**Supported by a medical educational
grant from CSL Behring**



HTRS 2022 Mentored Research Award Recipient



Brandi N. Reeves, MD

**Assistant Professor of Medicine, Division of Hematology
University of North Carolina (UNC) at Chapel Hill**

Mentors: Rafal Pawlinski, PhD | Nigel Key, MB ChB, FRCP | Alison Moliterno, MD

Project Title: “Role of Hypoxia Inducible Factors in Myeloproliferative-Associated Thrombosis”

Dr. Reeves obtained her MD from the University of Cincinnati College of Medicine, completed Internal Medicine residency at the Mayo Clinic, and Hematology fellowship at UNC Chapel Hill.

Dr. Reeves previously demonstrated that hypoxia inducible factor (HIF)-mediated gene upregulation in neutrophils from individuals with myeloproliferative neoplasms (MPN) is associated with thrombosis history. With this Mentored Research Award, Dr. Reeves will use a murine MPN model to determine the role of JAK2 V617F gene dosage and HIF-mediated gene expression in MPN-associated thrombosis. The study aims to identify cellular factors leading to the hypercoagulable state seen in MPN and ultimately formulate better treatments for thrombosis prevention in this disease.