

# 2023 HTRS Mentored Research Award

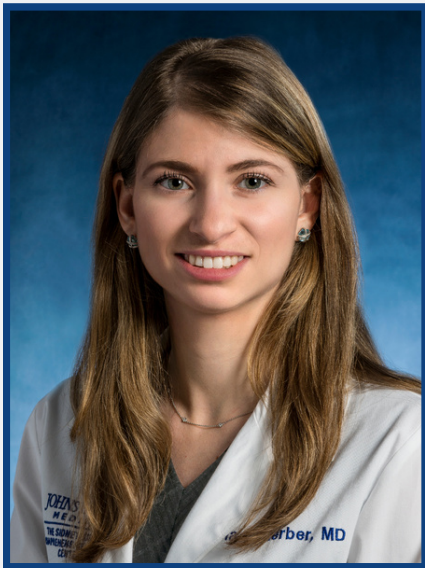


## Project Title

"The Effects of Complement Amplification on Tissue Factor Activity"

## Mentors

Robert A. Brodsky, MD | Ivo Francischetti, MD, PhD



## Gloria Gerber, MD

Fellow

Johns Hopkins University  
School of Medicine

Dr. Gloria Gerber is an Instructor of Medicine at Johns Hopkins University in the Division of Hematology, specializing in disorders of coagulation, thromboembolic diseases and thrombotic microangiopathies. She received her M.D. from Rutgers Robert Wood Johnson Medical School and completed Internal Medicine Residency at New York Presbyterian Weill Cornell Medical Center, then Fellowship in Hematology at Johns Hopkins. Her primary research focuses on the interaction between the coagulation and complement systems in disease pathology, including paroxysmal nocturnal hemoglobinuria, complement-mediated hemolytic uremic syndrome, antiphospholipid syndrome and COVID-19. During the HTRS Mentored Research Award, Dr. Gerber aims to mechanistically explore the effects of complement amplification on coagulation through the study of tissue factor expression and activity. By further unraveling the pathophysiologic link between complement and coagulation, she hopes to ultimately apply this translational research to identify and manage patients with thrombotic disorders and risk factors refractory to standard anticoagulation.

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