



Supported by an independent medical educational grant from CSL Behring

HTRS 2021 Mentored Research Award Recipient



Karen L. Zimowski, MD

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Emory University**

Mentors: Christopher B. Doering, PhD and Shannon Meeks, MD

Project Title: "Cis-Acting Splicing Regulatory Elements in F5 Exon 13"

Dr. Zimowski graduated from Clemson University, received her Doctorate of Medicine from The Medical College of Georgia, and completed pediatric residency training at Johns Hopkins

University. She practiced general pediatrics for three years before returning to Pediatric Hematology and Oncology fellowship at Emory University. During her fellowship, Dr. Zimowski investigated the effects of a novel deletion in exon 13 of the coagulation factor V (FV) gene, *F5*, that is associated with splicing dysregulation and the production of a shortened FV isoform identical to that seen in the East Texas Bleeding Disorder. Dr. Zimowski's HTRS MRA research, under the mentorship of Drs. Christopher Doering and Shannon Meeks, seeks to define the regulatory elements involved in alternative splicing of *F5* exon 13. By investigating these elements, Dr. Zimowski aims to gain insight into the factors involved in regulating plasma TFPI levels and the initiation of coagulation.