

HTRS



HEMOSTASIS
& THROMBOSIS
RESEARCH SOCIETY

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

HTRS 2022 Mentored Research Award Recipient



David Svilar, MD PhD

**Clinical Instructor/Research Fellow, Pediatric Hematology/Oncology
C.S. Mott Children's Hospital at the University of Michigan**

Mentor: David Ginsburg, MD

Project: "Identifying Thrombotic Microangiopathy Modifier Genes in Endothelial Cells"

Dr. Svilar obtained his MD and PhD from the University of Pittsburgh/Carnegie Mellon University's Medical Scientist Training Program. He completed a Molecular Pharmacology PhD in the laboratory of Dr. Robert Sobol, investigating modulators of chemotherapy response to facilitate biomarker development and find new targets to improve chemotherapy sensitivity.

Dr. Svilar completed Pediatric Residency at Washington University in St. Louis and his Pediatric Hematology/Oncology Fellowship at the University of Michigan. During his fellowship, Dr. Svilar joined the laboratory Dr. David Ginsburg to study how endothelial cells modify thrombotic risk and susceptibility to thrombotic microangiopathies. His HTRS Mentored Research Award project focuses on characterizing endothelial cell gene expression differences in mouse strains susceptible or resistant to thrombotic microangiopathies to identify thrombotic microangiopathy susceptibility genes. Identifying novel susceptibility genes may provide basic biologic insight into the underlying pathogenesis of thrombotic microangiopathies, as well as identifying potential clinical biomarkers and previously unknown therapeutic targets.