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HTRS 2018 Mentored Research Award Recipient



Ang Li, MD

Senior Fellow in Hematology

University of Washington/Fred Hutchinson Cancer Research Center in Seattle

Mentor: David A. Garcia, MD Co-Mentor: Jing-Fei Dong, MD, PhD

Project Title: “Understanding the Etiology of Transplant-Associated Thrombotic Microangiopathy (TA-TMA) and its Mechanistic Association with von Willebrand Factor”

Dr. Li obtained his MD degree from Baylor College of Medicine (BCM) in Houston and internal medicine residency training at Massachusetts General Hospital (MGH) in Boston. He is pursuing a

Master of Science in Clinical Research degree from the UW Department of Epidemiology. Dr. Li has focused his research on the prevention and treatment of venous thrombosis and thrombotic microangiopathy in patients with hematologic malignancy and hematopoietic cell transplantation. The MRA proposal aims to address the risk factors for Transplant-Associated Thrombotic Microangiopathy (TA-TMA) in a retrospective cohort study and examines its mechanistic association with von Willebrand Factor (VWF) with longitudinally collected samples. Specifically, Dr. Li will test whether acute GVHD is an independent risk factor for TA-TMA after adjusting for concurrent calcineurin inhibitor (CNI) use, and whether oxidative/inflammatory stress-induced VWF hyper-reactivity induces endothelial injury in TA-TMA. Dr. Li will continue outcomes research in hematologic supportive care while pursuing an academic career in non-malignant hematology.