

DREAM | AWARD

AN HTRS AND ATHN MENTORED
RESEARCH AWARD

September 14, 2022

TO: HTRS Members

RE: Announcing the 2022 HTRS/ATHN DREAM Award Recipients

On behalf of the American Thrombosis and Hemostasis Network and the Hemostasis and Thrombosis Research Society, we are pleased to announce the recipients of the 2022 HTRS/ATHN DREAM Award Program: **Shreya Agarwal, MD**, Nationwide Children's Hospital, and **Nicoletta Machin, DO**, University of Pittsburgh/Hemophilia Center of Western Pennsylvania.

These two-year projects have great potential for using the ATHNdataset and enhancing it with additional data. Their awards total \$100,000 each and span two academic years: September 15, 2022–September 15, 2024. The 2022 DREAM Award is offered through the collaboration of HTRS and ATHN and supported by an independent medical educational grant from [Takeda Pharmaceuticals](#).

Award Recipients and Key Project Details:

Shreya Agarwal, MD, Clinical Postdoctoral Fellow, Nationwide Children's Hospital

- Mentor: Vilmarie Rodriguez, MD MS
- Project Title: "Prevalence and risk factors for thrombosis in people with congenital bleeding disorders"

Dr. Shreya Agarwal is currently an advanced fellow in pediatric hemostasis and thrombosis at Nationwide Children's Hospital. After completing medical school in India, she went to Rutgers New Jersey Medical School for residency in pediatrics, followed by a pediatric hematology-oncology fellowship at Texas Children's Hospital/Baylor College of Medicine. Her clinical and research interests include thrombosis, specifically, thromboinflammation and thromboprophylaxis.

Through the DREAM Award, Dr Agarwal intends to use the ATHNdataset to determine the prevalence and risk factors for thrombosis in congenital bleeding disorders. This multicenter collaborative project will help advance our understanding of thrombotic complications in bleeding disorders and close the current gaps in knowledge, with the ultimate aim of improving



patient care and clinical outcomes. Furthermore, results from this study will lay the groundwork for future prospective studies focused on thrombosis in people with inherent bleeding disorders.

Nicoletta Machin, DO, Assistant Professor

University of Pittsburgh, Hemophilia Center of Western PA

- Mentor: Margaret Ragni, MD MPH
- Project Title: "Factor-ONE-ing for surgery: An assessment and survey of perioperative management for hereditary fibrinogenemias across US hemophilia treatment centers"

Dr. Nicoletta Machin received her medical degree from the University of New England College of Osteopathic Medicine, completed her Internal Medicine residency and Hematology/oncology fellowship at the UPMC, and obtained a master's in clinical research at the University of Pittsburgh. She is currently an Assistant Professor in the division of Benign Hematology at the University of Pittsburgh and a physician at the Hemophilia Center of Western Pennsylvania. She is particularly interested in inherited bleeding disorders focusing on women's health issues. She is actively involved in clinical research projects focused on heavy menstrual bleeding and postpartum hemorrhage in inherited bleeding disorders.

Her project for the ATHN DREAM award aims to improve surgical care for patients with inherited fibrinogen disorders by investigating current surgical care across US Hemophilia Treatment Centers (HTCs). The ATHNdataset will be utilized to describe the disease, treatment, procedure type and capture surgical bleeding complications by treatment strategy. This project will also survey HTCs to learn how hematologists manage thrombosis risk in fibrinogen disorder patients. This work will assist in identifying gaps in knowledge and perioperative care for patients with inherited fibrinogen disorders.

The DREAM Award (Dataset Research Engagement and ATHN Mentorship) is designed to:

- Advance the care of patients with bleeding and clotting disorders by funding research in the field of hemostasis and/or thrombosis, and
- Address the shortage of skilled academic physician researchers in non-malignant hematology in the U.S. by providing funding, mentorship, and career development support to early-stage physician scientists pursuing academic research careers in non-malignant hematology
- Learn more about the [DREAM Award](#)

Sincerely,

Michael Recht, MD, PhD
Chief Science Officer
Chair DREAM Award

Allison P. Wheeler, MD, MSCI
Associate Professor in Pediatrics
Vanderbilt University Medical School
Co-Chair DREAM Award

