

The ASHI Science and Technologies Initiatives Committee is pleased to announce a new initiative to promote relevant external research funding opportunities within the ASHI community. We hope to spark the translation of your scientific ideas into productive, funded research projects that advance knowledge in immunogenetics, histocompatibility, and transplantation biology. Requests for applications (RFAs) will be highlighted routinely as new opportunities are announced. Highlighted grants will span all eligible career levels, as well as basic, translational, and clinical science.

Our first offering highlights anticipated offerings for 2025, from the American Heart Association (AHA), American Society for Transplantation (AST), NMDP, CIBMTR, and International Society for Heart and Lung Transplantation (ISHLT).

Source	Name	Amount / Period	Specific Eligibility Requirements	Project Type	Typical Due Date
AHA	Collaborative Sciences Award	\$1,000,000	novel pairings of investigators from at least two broadly disparate disciplines	AHA funds all areas of cardiovascular, cerebrovascular and brain health research, with a focus on overall health and well-being across the lifespan	Pre-proposal October
AHA	Career Development Award	\$231,000 / 3 years	Doctoral level, early career faculty appointment; mentored		Full proposal December
AHA	Innovative Project Award	\$200,000 / 3 years	Doctoral level, no limit on career level		Pre-proposal December 5, 2024
AST	Early Faculty Development Award	\$75,000 / 1 year	Within first 5 years of faculty appointment	early career investigators who have the potential to contribute to transplant science/immunobiology and/or treatment of transplant recipients	Full proposal December 1, 2024

NMDP	Amy Strelzer Manasevit Research Program	\$400,000 / 5 years		Pre-clinical or clinical; address complications arising after allogeneic HCT or a cellular therapy	Full proposal September
ISHLT	Acellular Ex Vivo Lung Perfusion Research Grant	\$37,500 / 1 year		optimization of perfusion techniques, intervention and repair strategies, immunomodulation and reconditioning, and outcomes research	Full proposal September
ISHLT	Novel Approaches for Preservation Systems after DCD Heart Transplantation Research Grant	\$75,000 / 2 years		Translational or clinical; improve equity of access to DCD hearts through the use of FDA cleared or equivalent, advanced hypothermic preservation for transportation in conjunction with innovative approaches at either end of the transplantation process	Full proposal September
CIBMTR	Study Proposal	CIBMTR data and/or specimens, statistical support		Clinical; stem cell transplantation: outcomes research, immunobiology	Ongoing
NIH / NIAID	Understanding Mechanisms and Outcomes of Trained Immunity (R21 Clinical Trial Not Allowed)	\$275,000 / 2 years		<p>Areas of high priority include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>• Identification of novel biomarkers associated with trained immunity induced by vaccines, vaccine</li> </ul>	Ongoing NIH quarterly cycle submission beginning June 2024, ending October 2026

				<p>adjuvants, and/or infectious pathogens</p> <ul style="list-style-type: none"> <li>• Basic studies of trained immunity in immune-mediated diseases</li> <li>• Elucidation of molecular and cellular mechanisms responsible for innate immune memory</li> <li>• Characterization of the functional implications of trained immunity, including impact on adaptive immune responses and/or disease outcomes</li> <li>• Determination of the duration and/or plasticity of trained immunity effects</li> </ul>	
National Kidney Foundation	Kidney Health Equity Community Engagement Award	\$75,000 / 1 year	all healthcare professionals, researchers, and multidisciplinary teams affiliated with any health system,	<p>Community engagement, participation, and partnership</p> <p>-access to kidney transplantation</p> <p>-approaches that address</p>	Anticipated February

			academic medical center, FQHC, or any other health care organization in the U.S. serving people with kidney disease	social determinants of health and health disparities in people with kidney disease	
Lupus Research Alliance	Targeted Research Program on Engineered Cell Therapies for Lupus	Discovery or Translational: \$300,000 / 2 years  Clinical: \$600,000 / 2 years		Pre-clinical or clinical; projects that advance the development of next-generation engineered cell therapies with a clear and direct relevance to people with lupus	Anticipated Spring
Lupus Research Alliance	Diversity in Lupus Research Career Development Award	\$600,000 / 4 years	outstanding early-career underrepresented minority scientists	defining lupus heterogeneity by molecular pathology to stratify patients by active disease mechanisms and integrating the research continuum to bring advances to patients. This award is now also open to investigators whose research into other autoimmune diseases may also be applicable to lupus.	LOI due September
The Transplantation Society (TTS)	Research Seed Grant	\$25,000 / 2 years	5 years or less since last doctoral degree	Basic, translational, and clinical studies in transplantation	Anticipated announcement Q1 of 2025

More information and sponsor guidelines:

<https://professional.heart.org/en/research-programs/aha-funding-opportunities#datagrants>  
<https://www.myast.org/grant-opportunities>  
<https://www.ishlt.org/grants-and-awards/research-grants>  
<https://cibmtr.org/CIBMTR/Studies/Propose-a-Working-Committee-Study>  
<https://cibmtr.org/CIBMTR/Studies/Research-Programs/Immunobiology-Research>  
<https://network.nmdp.org/research/grant-information/amy-strelzer-manasevit-research-program>  
<https://grants.nih.gov/grants/guide/pa-files/PA-24-111.html>  
<https://www.kidney.org/professionals/grants>  
<https://www.lupusresearch.org/for-researchers/funding-opportunities/>  
<https://tts.org/tts-about/tts-awards-grants/110-tts/about/tts-awards-grants/1169-tts-research-grants>