The ASHI Science and Technology Initiatives Committee (STIC) 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.

The American Heart Association (AHA), American Society for Transplantation (AST), NMDP, CIBMTR, and International Society for Heart and Lung Transplantation (ISHLT) have several currently open mechanisms open for applications; other opportunities that are anticipated for 2025 are also listed:

Source	**Name**	**Amount / Period**	**Specific Eligibility Requirements**	**Project Type**	**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 3, 2024
AHA	Career Development Award	$231,000 / 3 years	Doctoral level, early career faculty appointment; mentored		Full proposal December 5, 2024
AHA	Innovative Project Award	$200,000 / 3 years	Doctoral level, no limit on career level		Pre-proposal December 5, 2024
AST	Early Faculty	$75,000 /	Within first 5	Early career	Full proposal

	Development Award	1 year	years of faculty appointment	investigators who have the potential to contribute to transplant science/immunobiology and/or treatment of transplant recipients	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 13, 2024
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 30, 2024
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 30, 2024
CIBMTR	Study Proposal	CIBMTR data		Clinical; stem cell	Ongoing

		and/or specimens, statistical support		transplantation: outcomes research, immunobiology	
NIH / NIAID	Understanding Mechanisms and Outcomes of Trained Immunity (R21 Clinical Trial Not Allowed)	$275,000 / 2 years		Areas of high priority include, but are not limited to, the following: • Identification of novel biomarkers associated with trained immunity induced by vaccines, vaccine adjuvants, and/or infectious pathogens • Basic studies of trained immunity in immune-mediated diseases • Elucidation of molecular and cellular mechanisms responsible for innate immune memory • Characterizatio	Ongoing NIH quarterly cycle submission beginning June 2024, ending October 2026

				n of the functional implications of trained immunity, including impact on adaptive immune responses and/or disease outcomes • Determination of the duration and/or plasticity of trained immunity effects	
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, academic medical center, FQHC, or any other health care organization in the U.S. serving people with kidney disease	Community engagement, participation, and partnership -access to kidney transplantation -approaches that address social determinants of health and health disparities in people with kidney disease	Anticipated (February deadline)

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 (2025?)
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.	Anticipated (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/PAR-24-111.html
https://www.kidney.org/professionals/grants
https://www.lupusresearch.org/for-researchers/funding-opportunities/
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