Deconstructing the Impact of Patient Race/Ethnicity on HSCT Outcomes

The Problem
Clinical outcomes after allogeneic hematopoietic stem cell transplant are worse for patients of African ancestry and/or Hispanic heritage.

The Challenge
To join or develop collaborative platforms for early investigation into the biologic basis of HSCT outcomes in a racially and ethnically diverse population through clinical/translational research

- Locally at CHAM
  - Expansion of the PEDIATRIC TRANSPLANT BIOREPOSITORY
  - PROSPECTIVE STUDY: Acute hepatic and renal injury during HSCT
  - RETROSPECTIVE STUDY: Immune reconstitution and vaccine responsiveness after HSCT

- Nationally with STAR
  - Development of PROJECT SICKLE CURE, a multi-institutional prospective observational study using clinical data, biospecimens, and MRI images

The Next Steps
To create a sustainable program that impacts patient outcomes and produces scholarly work

- Develop pilot studies
- Secure funding