



CANCER PREVENTION & RESEARCH  
INSTITUTE OF TEXAS

Award ID:  
RP130570

Project Title:  
Single-Cell Biomarkers of Clinical-Grade T Cells and NK Cells to Optimize  
Tumor Immunotherapy

Award Mechanism:  
Individual Investigator

Principal Investigator:  
Varadarajan, Navin

Entity:  
University of Houston

Lay Summary:

Adoptive cell therapy is a cutting-edge treatment option for diverse kinds of cancers. In this grant application we will employ a single-cell methodology to characterize the heterogeneity of cells used for adoptive cell therapy to better define the potency of cell based therapies. The successful implementation of the aims of the grant will facilitate more rapid translation of ACT based therapies and will ensure that Texans are the first to benefit from the next generation of clinical trials based on ACT.