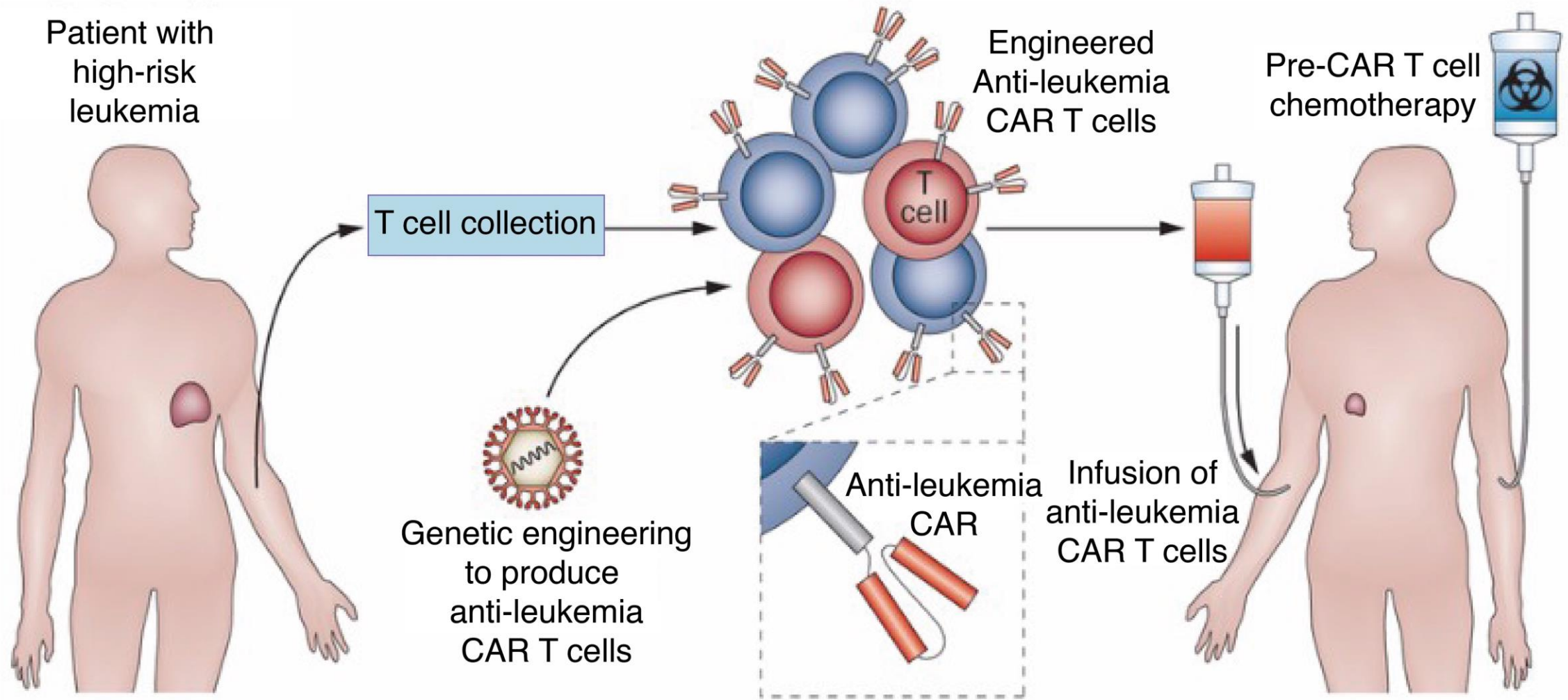


# Developing Targeted Cellular Immunotherapy for Childhood Malignancies

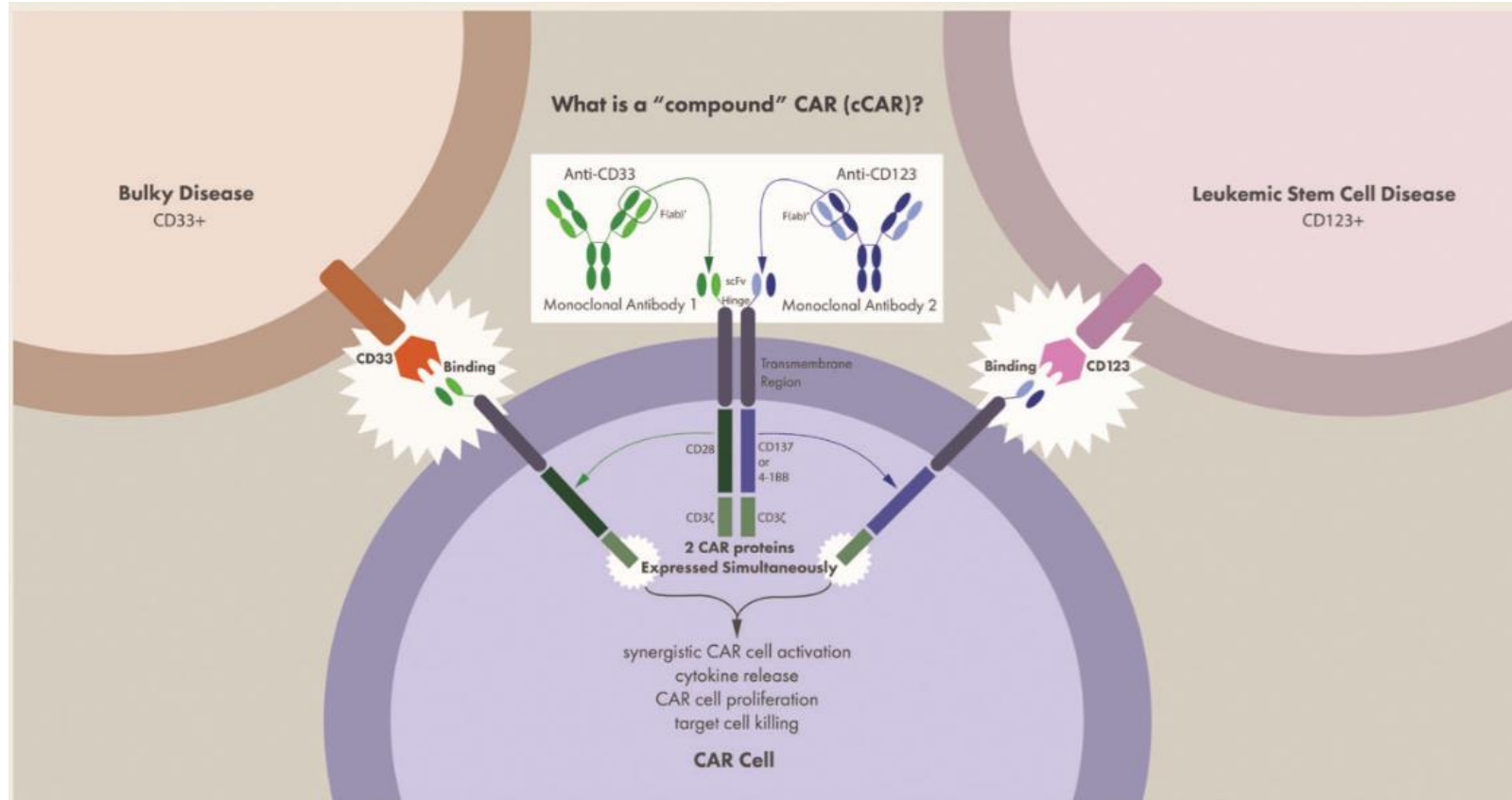
*A Research Proposal from  
University of Louisville School of Medicine*

# CAR T Cell Therapy: Engineering Immune Cells to Treat Leukemia



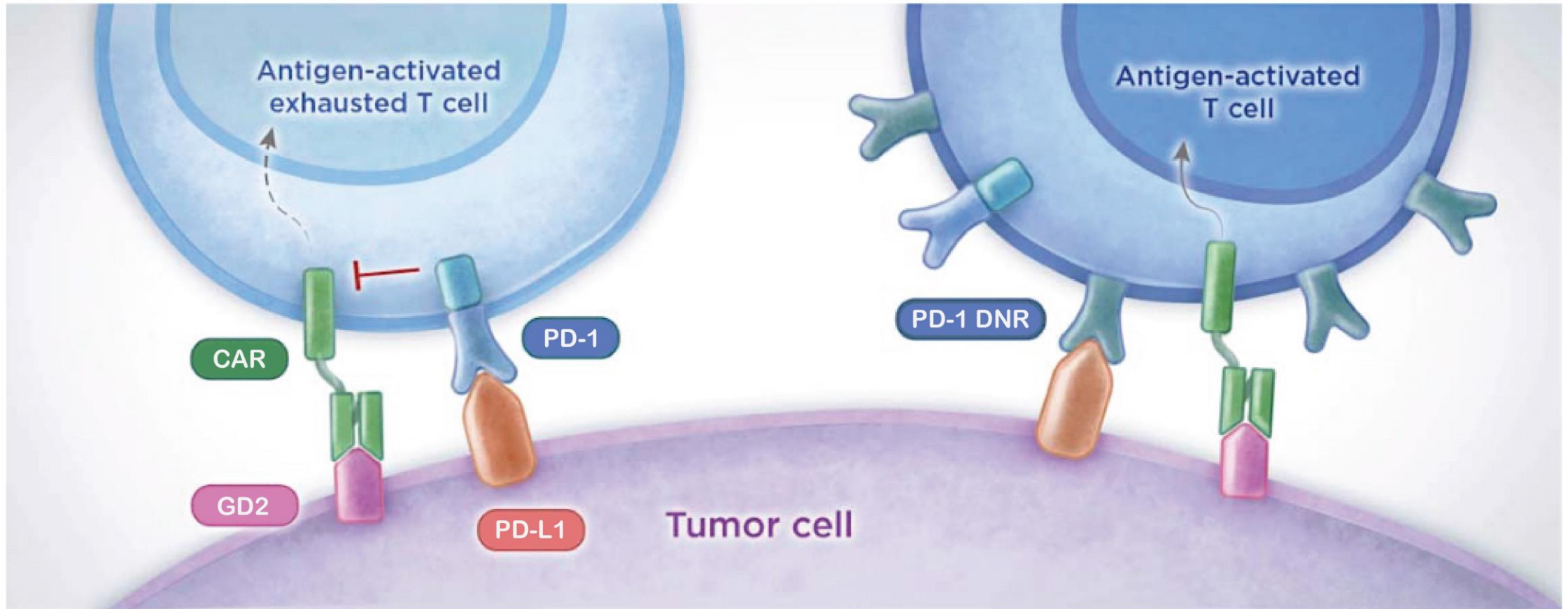
***Anti-Leukemia Effectiveness Improved from 0% to over 80%***

# Develop Compound CAR T Cells That Are Effective Against Acute Myeloid Leukemia in Children



*Compound CAR T Cells Simultaneously Targets Two Leukemia Markers and Will Eliminate Highly Resistant Leukemia Disease*

# Develop Supercharged CAR T Cells That Will Kill Childhood Neuroblastoma and Brain Tumors



*The Supercharged CAR T Cells Have a Decoy Protein That Will Prevent Tumor Cells From Escaping Elimination*

*We are confident that these efforts will lead to improved clinical care of pediatric cancer patients in Kentucky and help bring the Commonwealth to the forefront of finding cures for childhood cancers*

