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THE CAMPAIGN TO END CANCER

~~Cancer~~
UT MD Anderson

Institute for Cell Therapy Discovery & Innovation

Engineering immune cells to transform cancer treatment

Experts at The University of Texas MD Anderson Cancer Center have shaped the field of cell therapy by engineering groundbreaking treatments and leading clinical trials to confirm safety and efficacy.

Cancer can resist standard treatments. The Institute for Cell Therapy Discovery & Innovation will fuel the creation of breakthrough therapies that can be readily adapted to address emerging needs.

Cell therapy is a revolutionary approach to cultivating immune cells and enhancing their targeting abilities. CAR NK cell therapy, the focus of the institute's research, has shown early success with durable remission in some blood cancers without the potential side effects of CAR T cell therapy. CAR NK cell therapy is now being tested to treat many diseases.

UT MD Anderson has the infrastructure and expertise required to rapidly advance this lifesaving work. Building on the momentum we have already established, our goals for the future include:

- Developing off-the-shelf cell therapies for use against blood cancers, solid tumors and autoimmune diseases
- Improving potency while reducing toxicity when compared with the current standard of care
- Exploring therapy combinations to customize treatment plans
- Lowering the cost by considering new source strategies, refining manufacturing and leveraging industry partnerships

Our mission is clear. The time is now.

For more than 80 years, millions have turned to UT MD Anderson for lifesaving care, where we transform cancer treatment through leading-edge research and innovative clinical practices. Uniquely integrated under one roof, our world-leading resources and capabilities form a strong foundation. But to achieve our boldest goals, philanthropy must accelerate what is possible.

With a goal to raise \$2.5 billion in our largest-ever comprehensive philanthropic campaign, UT MD Anderson is uniquely positioned to expedite breakthroughs that rapidly improve treatments and lead to cures; to elevate the patient experience and redefine standards for high-value care; and to expand our reach, bringing advancements to more patients than ever before.

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