

CAR T-CELL THERAPY

FIGHTING CANCER

BY TURNING ON THE IMMUNE SYSTEM

A cancer breakthrough is making news and helping people here in Chicago. Clinical trials at UChicago Medicine were key in developing CAR T-cell therapy. By removing, supercharging and returning white blood cells into the bloodstream – with instructions to find and attack cancer cells – this “living drug” has often resulted in full remission in clinical trials.

WHAT IF OUR IMMUNE SYSTEM COULD TREAT CANCER CELLS LIKE THEY WERE JUST GERMS?

CHIMERIC ANTIGEN RECEPTOR (CAR) T-cell therapy uses re-engineered versions of a patient's cells to find tumor cells and defeat them with minimal damage to healthy cells.

