diseases, and degenerative disorders The Center for Cell Engineering (CCE) was established to foster cutting-edge research on emerging cellular therapies.

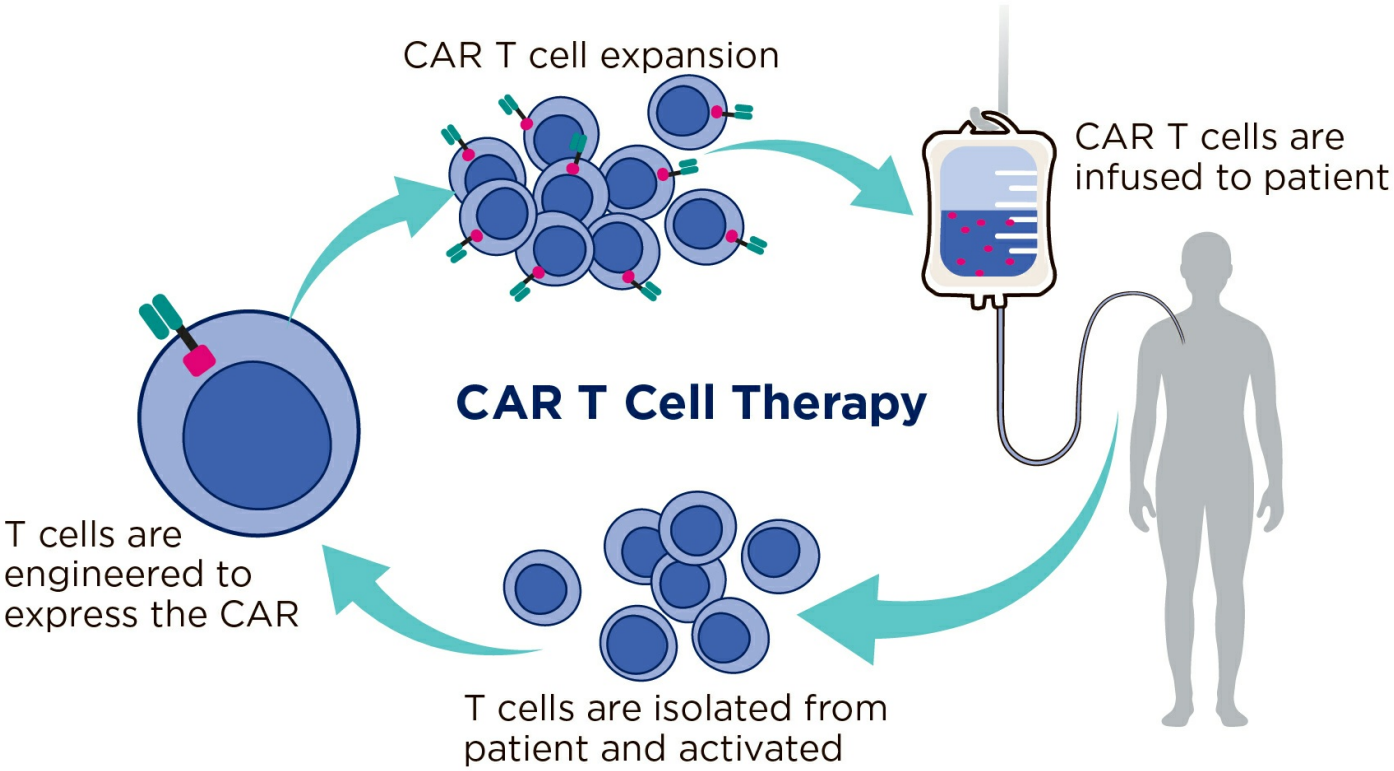
The CCE brings together researchers who investigate immune cell therapies, bone marrow and cord blood transplantation, and stem cell-based therapies, including a focus on the transfer, regulation, and repair of genes in human cells.

This unique physician-scientist partnership involves researchers from Memorial Hospital and the Sloan Kettering Institute who strive to devise and implement innovative cell therapies for cancer and other pathologies.

Associate lab member Xiuyan Wang (left) and cell manufacturing specialist Jolanta Stefanski (right)

Our mission is to:

- Investigate the therapeutic potential of human cell engineering, including the induction, isolation, expansion, differentiation, genetic modification, transplantation, and functional monitoring of therapeutic cells
- Strengthen the continuum among the biological, translational, manufacturing, and clinical dimensions of cell engineering and cell therapy
- Implement safe and potent immunotherapies and stem cell therapies for an array of hematological malignancies, solid tumors, and nonmalignant disorders



CAR T Cells: Timeline of Progress

Discover how CAR T science developed and what MSK investigators contributed to this important field.

Learn more