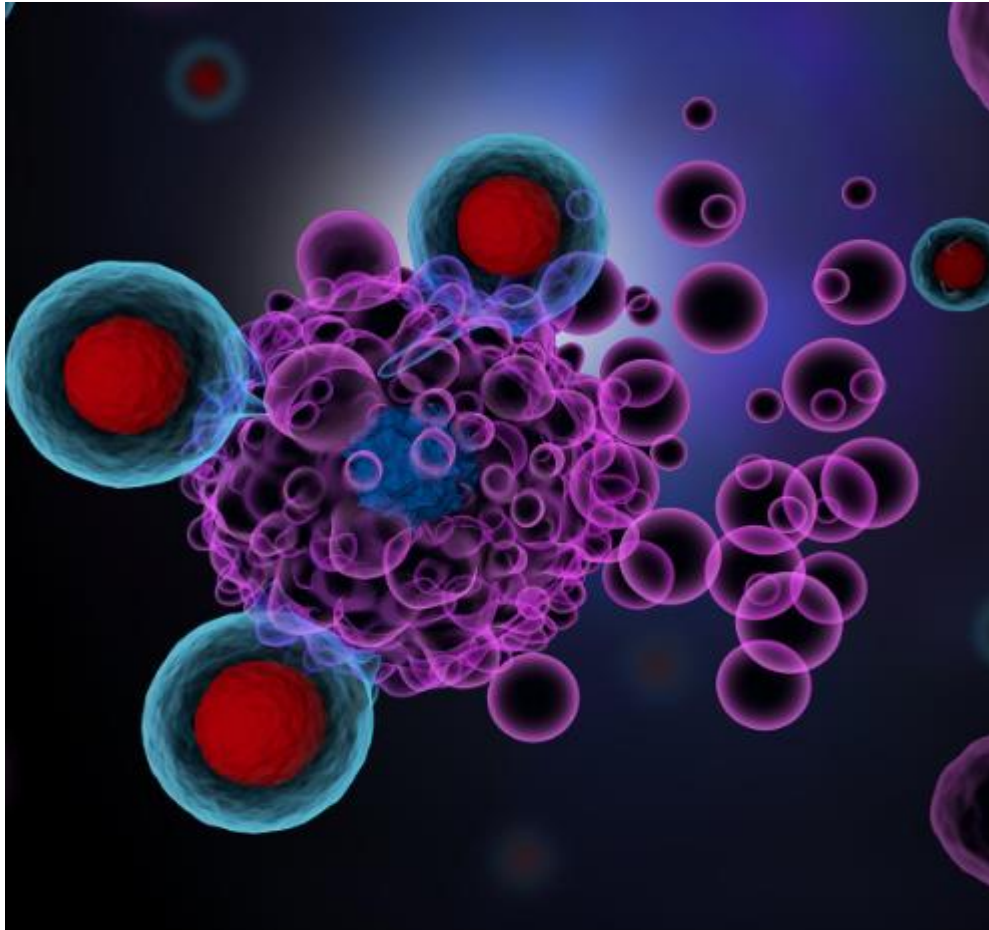


CAR T-cell therapy and its promise of new hope for cancer treatment



CAR T-cell therapy has shown promising results so far, especially in blood cancers like leukaemia and lymphoma.

In recent years, cancer treatment has taken a big leap forward with a new, advancement known as [CAR T-cell therapy](#). This may may sound complex, but the idea behind it is fairly simple: using the power of a patient's own immune system to fight and destroy cancer cells.

Our body's immune system has special cells called T-cells that help fight viral infections and cancer. In CAR T-cell therapy, doctors take these T-cells from a person's blood (a process known as leukapheresis) and modify them in a lab so they can recognize and destroy cancer cells more effectively.

News Source:

<https://www.thehindu.com/sci-tech/health/car-t-cell-therapy-and-its-promise-of-new-hope-for-cancer-treatment/article69720976.ece>