

Scientists bioengineer tumor-killing cells

Scientists have combined the ability to reprogram stem cells into T cells with the ability to genetically modify patients' own T cells to seek and destroy tumors. The result is the capacity to mass-produce in the laboratory an unlimited quantity of cancer-fighting cells that resemble natural T cells, a type of white blood cell that fights cancer and viruses. In a study published in *Nature Biotechnology*, researchers show that the genetically engineered cells can effectively wipe out tumors in a mouse model of lymphoma.

"To put these two techniques together is really groundbreaking," said Pam Ohashi, a cell biologist at the Ontario Cancer Institute, who was not involved in the study. "The idea that you can make unlimited numbers of tumor-killing cells is very exciting."

Read the full, original story here: [Tumor-Targeting T Cells Engineered](#)