

With anti-viral genes, T cells ward off HIV

The following is an excerpt.

In his lab at the [Gladstone](#) Institutes, [Leor Weinberger](#) has developed a technique for harnessing stray bits of HIV – a virus that infects and ultimately kills immune cells – and using them to attack the virus itself. The particles are like parasites and only able to replicate on the backs of HIV.

But Weinberger has engineered the particles to deposit a tiny bit of genetic material in cells infected by HIV. When those particles are injected into a host cell, that genetic material essentially replaces the material left by HIV, which means the HIV is no longer able to replicate.

Read the full article here: [Viruses engineered to attack themselves](#)