

Scientists Create Immune Boosting Chemical To Fight Cancer

Printed from <https://www.cancerquest.org/newsroom/2022/03/scientists-create-immune-boosting-chemical-fight-cancer> on 12/12/2025



Researchers have joined an immune-boosting agent (CpG) and a tumor-targeting chemical (PIP) together to create a novel drug (PIP-CpG) to fight cancer. When injected directly into tumors or into animals with cancer, the PIP part of the chemical causes it to target cancer cells and the CpG part causes immune cells in the area to become active.

In animals new drug has been shown to be very effective against a type of breast cancer and pancreatic cancer and some animals were cured of their cancer after only a few injections of the new drug.

Source

<https://med.stanford.edu/news/all-news/2021/11/immunotherapy-synthetic-molecule...>

Learn More

[Learn more about cancer immunotherapy.](#)