

Cancer Fighting Compound Produced by Bacteria in Florida Keys?

Printed from <https://www.cancerquest.org/newsroom/2010/09/cancer-fighting-compound-produced-bacteria-florida-keys> on 05/01/2024



A bacteria found in the waters off of Key Largo, Florida has been found by [University of Florida](#) researchers to produce a chemical, largazole, that has shown the ability to reduce the growth of colorectal cancer cells in experimental systems. The researchers have shown that the chemical interferes with enzymes that alter the structure of DNA. Photo by Curtis Palmer from Wikimedia Commons

Source

<https://www.ncbi.nlm.nih.gov/pubmed/20739454>

Learn More

[Histone Acetyl Transferases \(HATs\) and Histone Deacetylases \(HDACs\)](#)