

• OCEAN INFORMATION •

THE CURE!

OVER THE PAST COUPLE DECADES, SCIENTISTS HAVE LOOKED INTO THE OCEAN TO FIND NOVEL BIOLOGICAL SUBSTANCES TO USE FOR CLINICAL TRIALS. FOR EXAMPLE:



ANIBACTERIAL

Staphylococcus aureus is an antibacterial that has been isolated from a marine diatom that helps defend against MRSA



ANTI-INFLAMMATORY

The sea sponge species, Spongia officinalis, has been isolated to help treat inflammation



ANTIPARASITIC

The Tunisian sponge has aspects isolated to treat infection via parasite



ANTIVIRAL

A French sea sponge, Celtodoryx girardae, has been isolated to create the preferred antiviral treatment for a Herpes infection



ANTICANCER

The medication, Bryostatin, has been isolated from a bryozoan to help treat leukemia



NEUROPROTECTIVE

A seaweed species, Ulva reticulata, has been currently approved for Alzheimer's disease treatment