

Ancient bacteria-killing viruses hold evolutionary secret to bypassing antibiotic resistance

The following is an excerpt.

Scientists are often fighting the losing battle against antibiotic-resistant bacteria, with every new antibiotic treatment outwitted by the bacteria's uncanny ability to adapt to whatever adversity comes their way. Although bacteria's evasive strategies may have outwitted scientists in the last century, their strategies still fall prey to the nature's billion-year old bacteria-killing virus known as bacteriophages.

According to a recent *PLOS One* article, bacteriophages have long evolved a way to kill bacteria for good, specifically by targeting an essential and evolutionarily conserved component of any bacteria: the bacteria's cell wall

View the original article here: [Ancient Bacteria-Killing Virus Holds Evolutionary Secret Against Antibiotic Resistance](#)