

Genetic Engineering

SDG :
(3) : Better health and well being

How it works?

- Allow bacteria to remember the virus
- If the viruses attack again, the bacteria produce RNA segments from the CRISPR arrays that recognize and attach to specific regions of the viruses' DNA. The bacteria then use Cas9 or a similar enzyme to cut the DNA apart, which disables the virus.

CRISPR
CAS9

Application

- Covid-19
- Cancer
- Diabete Type 2

