

how COVID-19 gets you



SARS-CoV-2 is a coronavirus



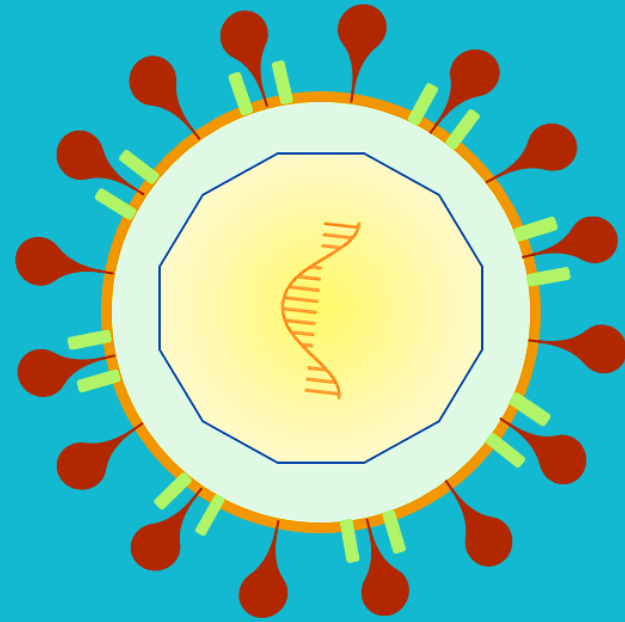
It has a protein bubble



Inside is viral RNA
(kinda like DNA but single strands)



Outside are spike proteins
'the viral ID card'
they grab onto your cells &
the virus sneaks inside



The Intruder

Intruder Alert!

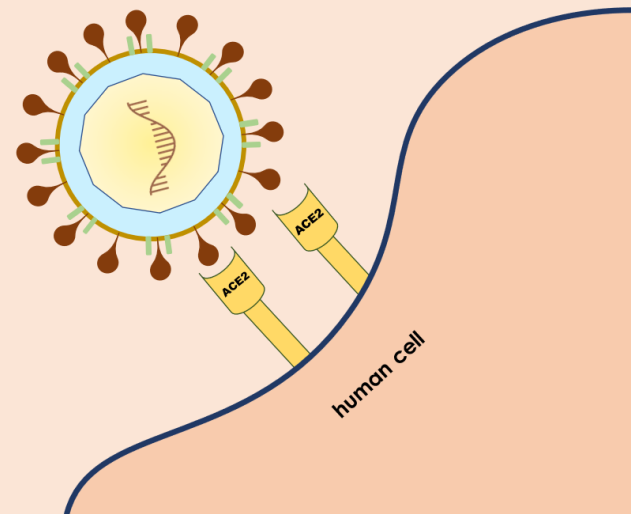
ACE2 lets COVID virus into your cells



The spike proteins find
ACE2 receptors on your
cells and they match up
like a key fits a lock

Where does it attach?

ACE2 is found in your lungs, heart,
brain, kidneys, stomach, intestines,
& other tissues

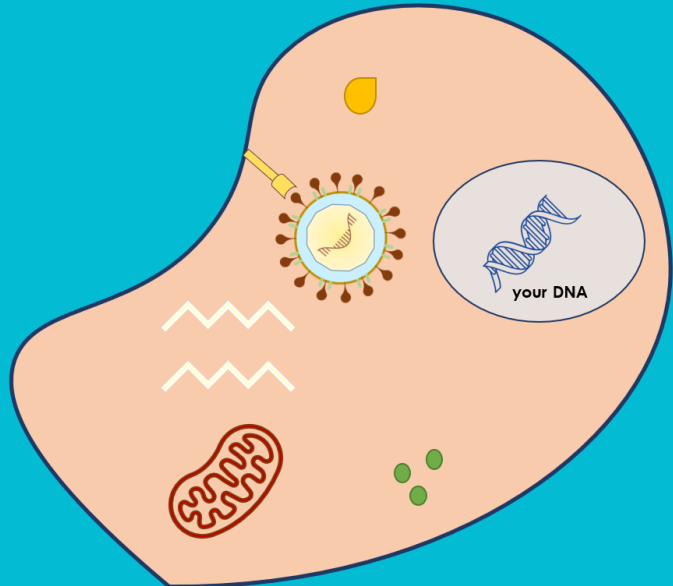




Come On In!

Once the virus gets inside, it steals your copy machine to make its own copies

All it wants... is to use your cells to make more viral particles

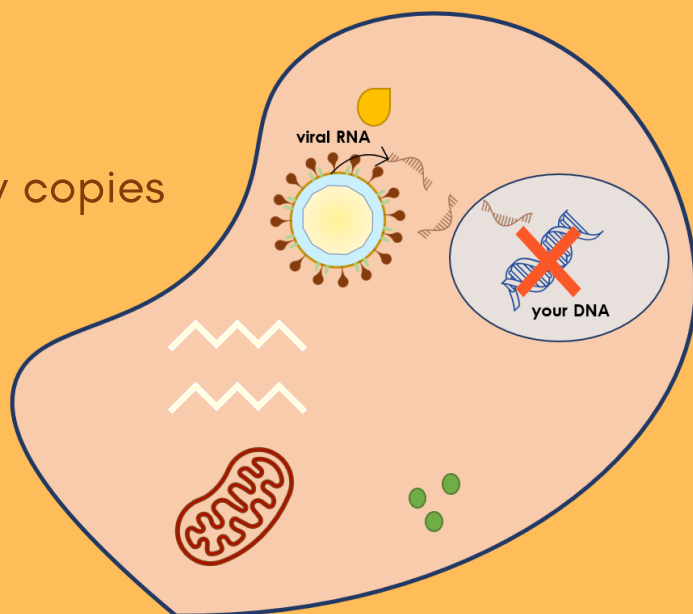


Special Delivery!

It sends its RNA over to start making new copies

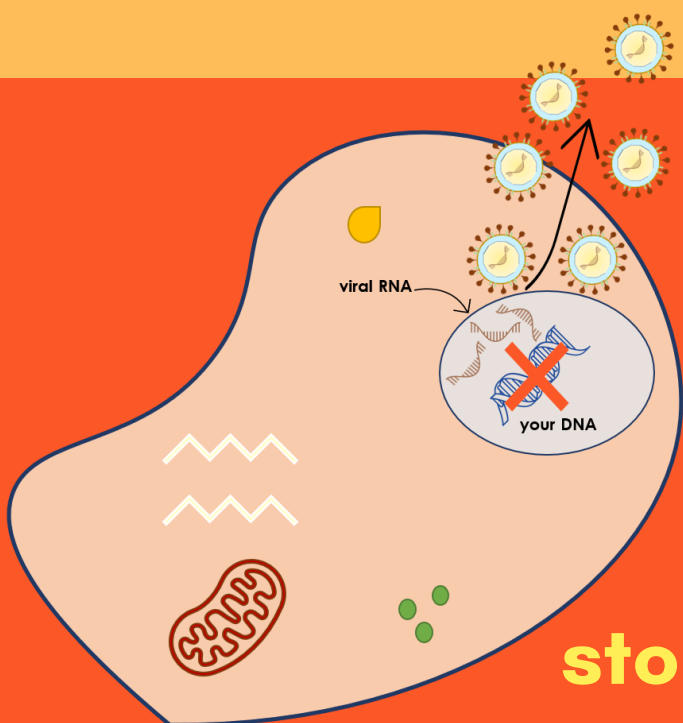


Your cells stop working for you & start working for the virus



The Host Factory

New viral particles exit the cell, and come out through your breath & mucus



REMEMBER!

viruses are parasitic --> they need a host to survive!

stop giving it hosts



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save the hood
get vaccinated

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