

# INFECTION FIGHTERS

HOW TO KEEP VIRUSES AWAY



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Gemma  
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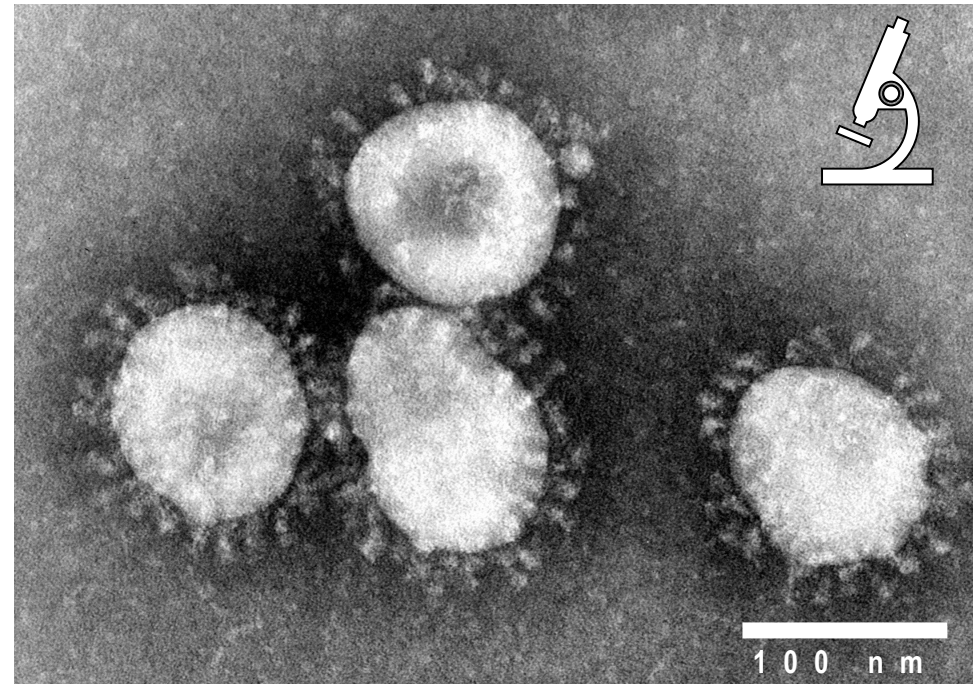
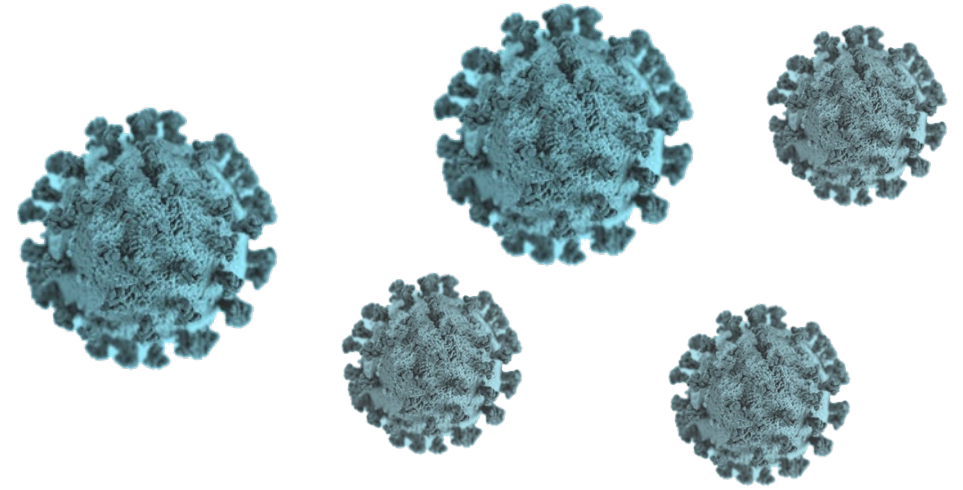


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Pharmacy



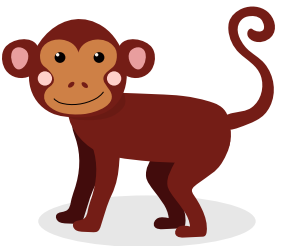
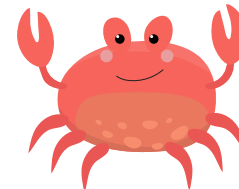
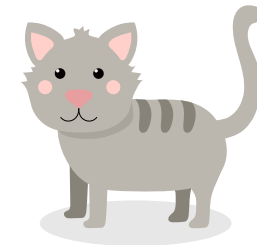
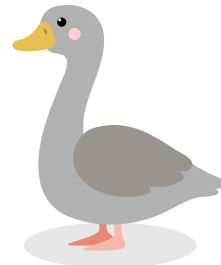
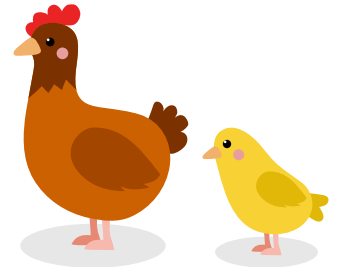
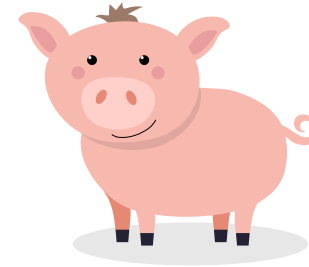
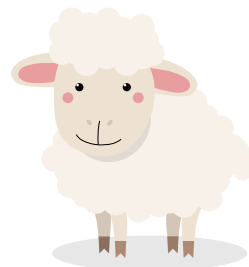
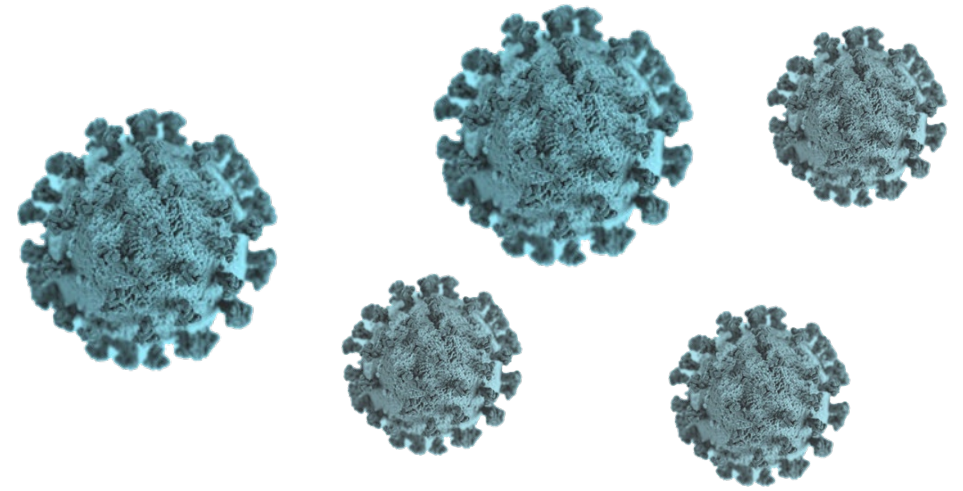
# What are viruses?

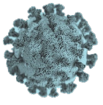
Viruses are tiny germs that can make us feel unwell.



# What are viruses?

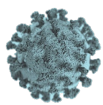
Viruses are tiny germs that can make us feel unwell.





How many virus particles?





# How many virus particles?



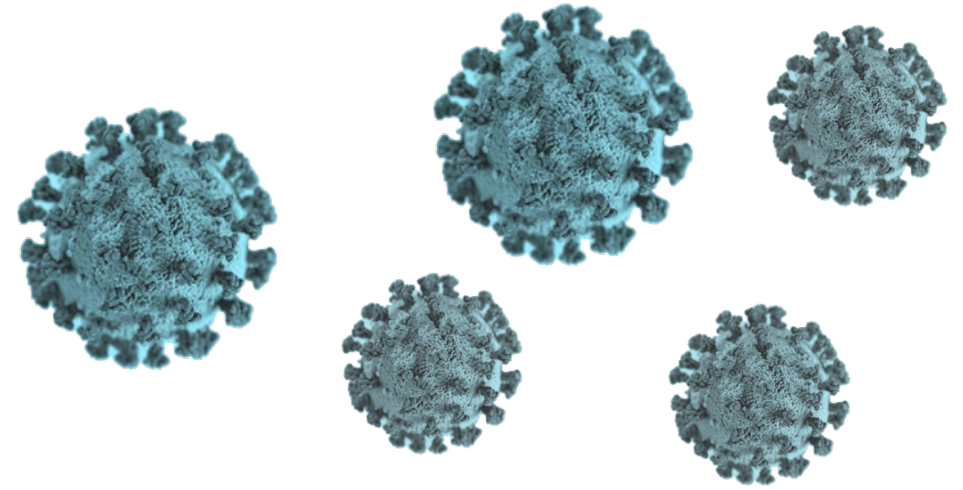
**1000000000000000**

 $10^{31}$ 

**But not all of these make us ill!**

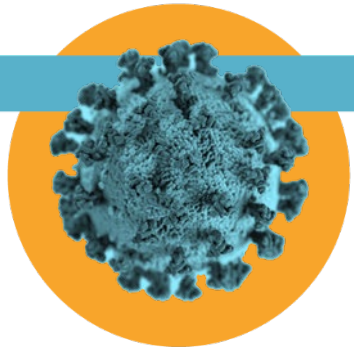


We work on viruses that cause  
colds and respiratory illnesses



How do they spread?

How can we stop them?



# ESCAPE LAB

A JOURNEY INTO DRUG DISCOVERY

Next session: 3:00 pm



Another way we can stop  
viruses is by vaccines.

# What are vaccines?

Vaccines help our body learn how to recognise the virus, and fight it!



# Let's see if they work!

viruses



1

If a virus touches you,  
you become infected.

2

Stand up, and throw the  
virus anywhere – you're  
spreading the virus!

3

How many infected after  
30 seconds?

30 seconds





STOP!

# This time...

Some of you  
are vaccinated!

1

If a virus touches you,  
you become infected.

If you are vaccinated,  
stay seated and don't  
throw the virus!

2

Stand up, and throw the  
virus anywhere – you're  
spreading the virus!

3

How many infected after  
30 seconds?

30 seconds



STOP!



# Get vaccinated!

Vaccines protect us from getting ill and help us stop the spread of viruses.



Thank you!

Find us here: [shivkumarlab.co.uk](http://shivkumarlab.co.uk)

Twitter/X: @Lambananas

Bluesky: @shivkumarlab.bsky.social