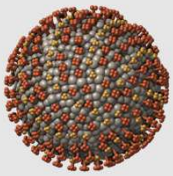
Infographic by letsair.org / @nousaerons
version 3 2026-11-24

VIRUSES & BACTERIA
that can be transmitted through the air we breathe

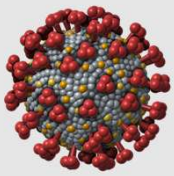
● There is a vaccine ● There is a vaccine for some strains ● There is no vaccine

VIRUSES AND THE DISEASES THEY CAUSE



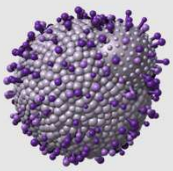
Morbillivirus

Measles



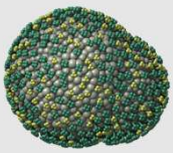
Coronavirus
SARS-CoV-1, SARS-CoV-2, MERS

COVID-19



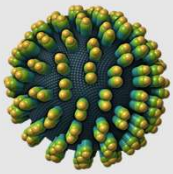
Varicella zoster virus

Chickenpox



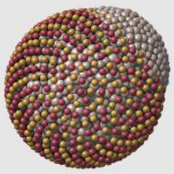
Mumps virus

Mumps



Norovirus

Gastroenteritis



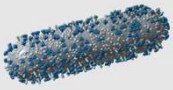
Rubivirus rubellae

Rubella



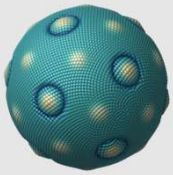
Variola virus

Smallpox



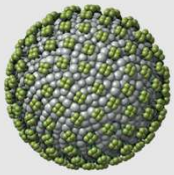
Resp. syncytial virus
RSV

Bronchiolitis



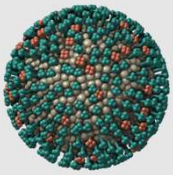
Rhinovirus

Common cold



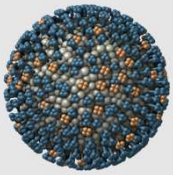
Andes virus

Hantavirus pulmonary syndrome



Influenza A virus
H1N1, H5N1...

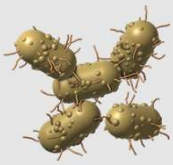
Influenza



Influenza B virus

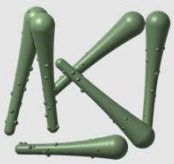
Influenza

BACTERIA AND THE DISEASES THEY CAUSE



Bordetella pertussis

Whooping cough



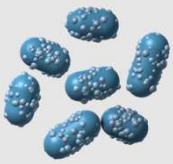
Corynebacteirum diphtheriae

Diphtheria



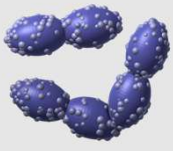
Mycobacterium tuberculosis

Tuberculosis



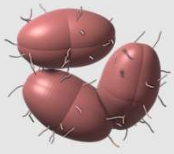
Haemophilus influenzae type b

Meningitis



Streptococcus pneumoniae

Meningitis



Neisseria meningitidis

Meningitis

ABOUT THESE IMAGES

Illustrative computer-generated 3D models, based on each pathogen's known morphology (surface spikes, capsid, cell shape and arrangement).

Arbitrary colours.

Not to scale: viruses measure 30–300 nm, bacteria 0.5–5 µm.