

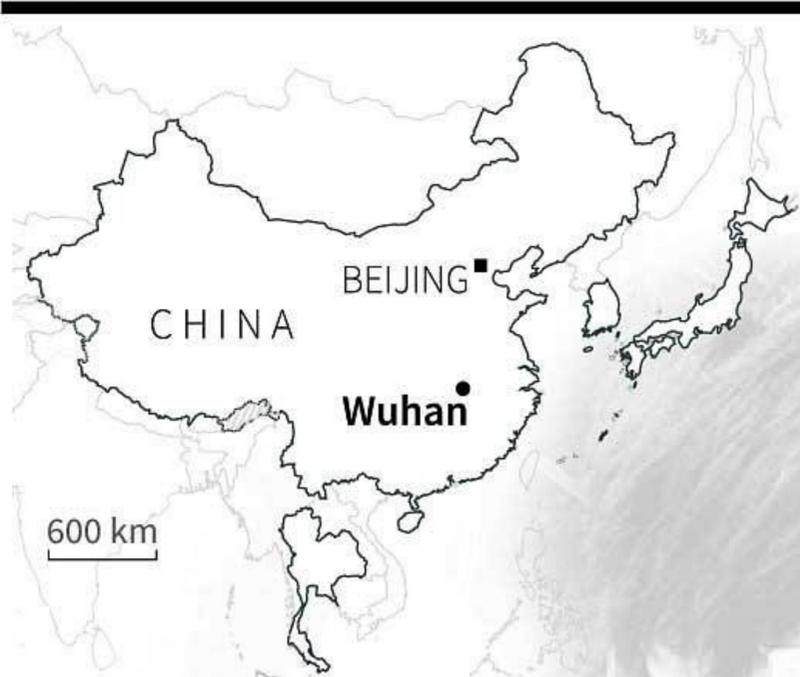
# Coronavirus

Large family of viruses, with a seventh and new strain identified in Wuhan, China

## Transmission

Circulate in animals, can be transmitted to humans

Spread through air, close personal contact or touching contaminated objects



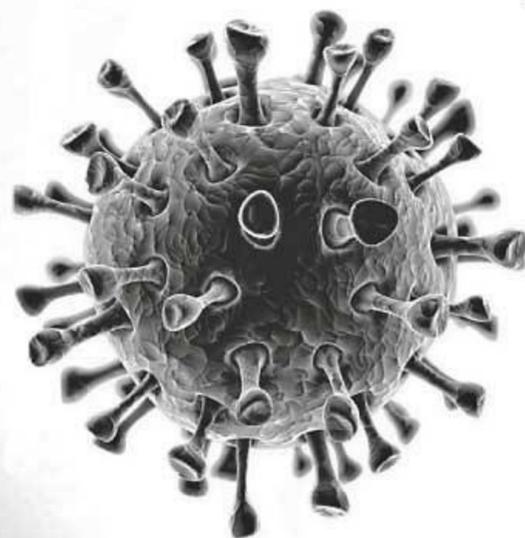
## New strain

2019 novel coronavirus

- More than 200 cases detected in China; at least 3 killed. Cases detected in Japan, Thailand, South Korea
- Seafood/animal market in Wuhan, China believed to be centre of the outbreak

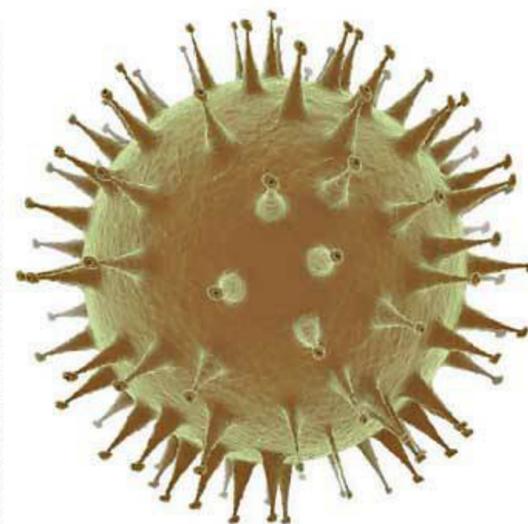
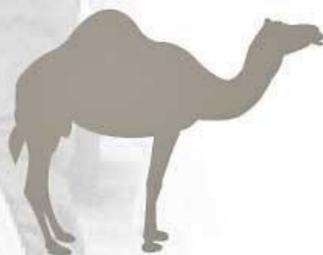


## Two epidemics



Middle East Respiratory Syndrome (MERS-CoV)

- First identified in Saudi Arabia in 2012
- Over 800 killed in Middle East since
- From dromedary camels to humans



Severe Acute Respiratory Syndrome (SARS-CoV)

- Identified in 2003, first infected humans in China in 2002
- Killed nearly 650 people in China/ Hong Kong 2002-2003
- Thought to be from bats, spread to civet cats to humans



## Common signs of infection

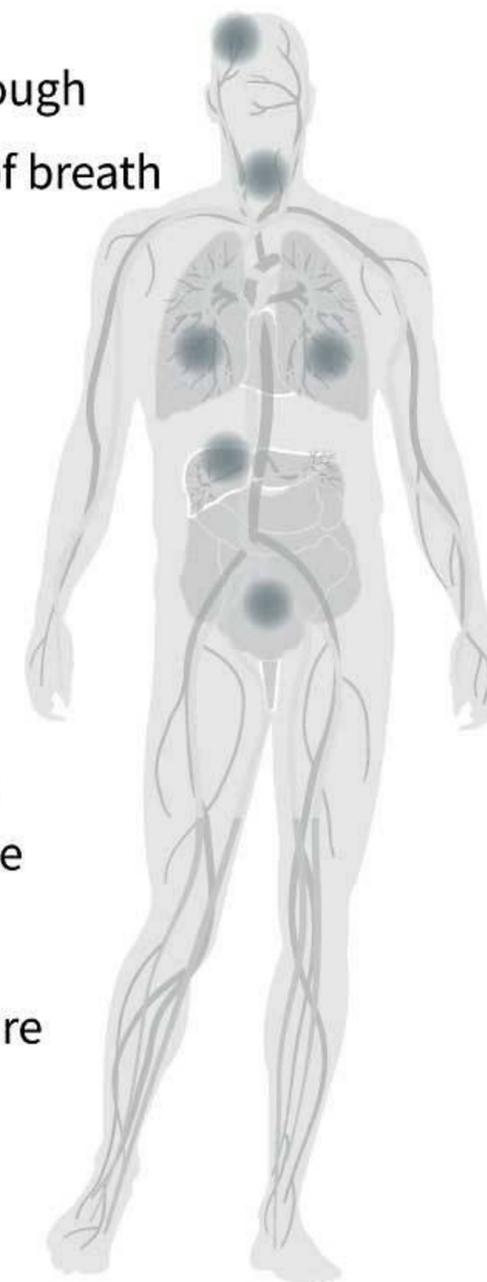
- Fever
- Cough
- Shortness of breath
- Breathing difficulties
- Gastro-intestinal symptoms
- Diarrhea

## Severe cases

- Pneumonia
- Severe acute respiratory syndrome
- Kidney failure
- DEATH

## Treatment

- No vaccines or antiviral drugs available for these viruses
- Symptoms can be treated



Sources: WHO/CDC/Institut Pasteur

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