Yusuf Firdausi

18/Mhs03/015

Anatomy

The corona virus which are large RNA viruses affect the respiratory tracts of the human body.

It causes severe actute respiratory syndrome and middle east respiratory syndrome.

Now, if an individual is a long time smoker, it makes it harder for the cell in the lungs to fight the virus.

The virus attaches to a receptor in the lung tissue and enters the cell , then makes more copies of itself.

The immune system, recognizing these infected cells mounts a defense, causing cell death. As more cells die, lung tissue is damaged and can stiffen.

This makes pumping oxygen harder for the heart.

It can also lead to a secondary bacterial infection on top of the viral infection. This can trigger an excessive immune response and cause multiple organ damage.