



Where are the Corona/Covid-19 viruses that infect us?

A virus is a lifeless piece of RNA wrapped in a protein jacket that can't do anything by itself; it does not move neither multiply.

Definitions

1. A lifeless virus is a virus that cannot multiply anymore.
2. RNA is an organic molecule with genetic properties.

A virus needs a host, a living cell or bacteria, in order to multiply, to move or to hide.

An undamaged virus has a mechanism that allows it to inject its RNA into bacteria and cells.

The RNA of the virus contains genetic information that can re-program bacteria and cells and incite virus multiplication.

A virus must be undamaged in order to be infectious.

Viruses are damaged by changes in the protein envelope and or in the internal RNA.

This occurs by chemical reactions in air and water with oxygen and carbon dioxide and in polluted air with for instance ozone, carbon monoxide, nitrogen monoxide, nitrogen dioxide, sulfur dioxide and sulfur trioxide. The virus can also be damaged by sunlight being infrared and ultraviolet radiation, by extreme high or low temperatures, by extreme high or low acidity and by various metal ions, such as copper.

Outside the body of warm-blooded creatures, conditions are life-threatening for viruses and prevent them from surviving there for long.

When a virus is present in a bacterium, it is protected by the fact that the bacterium regulates the composition of the cytoplasm using its cell wall. A virus is better protected within a or nearby bacterium than if it is present on a water droplet, a dust particle. Viruses are possibly attached to bacteria based on the affinity of their outer shell composition.

As long as the bacterium is alive, it can move, hide and multiply. An infectious virus attached to the bacterium is thereby mobile and can hide in bacteria colonies. Bacteria and viruses have to hide for the destructive immune system cells.

The outer cells of the body (the epithelium) protect against the penetration of bacteria and viruses. The epithelial cells in the body secrete mucus to capture, drain and possibly destroy the bacteria and viruses before they can cause infections.

If the infected bacteria and viruses are recognized by the cells of the innate immune system in the mucus, they are destroyed in the mucus and removed to the stomach before an infection of body cells in or behind the epithelium has occurred.

Bacteria and viruses need the right conditions to stay alive. Bacteria can live longer in exceptional circumstances by forming spores. This allows them to survive for a very long time in a kind of lifeless state, be dispersed by wind and water and later become active again. Viruses may benefit of this behavior of bacteria, when attached or inserted.



On the basis of the foregoing, it should be concluded that the Corona viruses are mainly located in or attached to bacteria on the epithelium of the body and in particular in the mucus of the airways.

The epithelium of the airways is equipped with cilia that drain the captured bacteria and viruses to the stomach.

The saliva in the mouth possesses many bacteria-killing substances and will mix with the mucus of the airways. In the mixed mucus, the bacteria and viruses are also partially killed and transported to the stomach.

However, 30% of the people have stuck (immobilized) bacterial colonies in the mucus of the nasal cavities that are not recognized by the innate immune system or are considered to belong to the own body. As a result, these bacteria are not attacked by the immune cells.

If the Corona virus can be attached to these stuck bacteria, they cannot be recognized by the innate immune system or removed by the flow of mucus to the stomach. They remain in the mucus of the nasal cavities for a very long time. They are also not noticed when taking a sampling of the mucus, as long as the virus has not been able to trigger an infectious response in body cells. These Corona viruses have potentially a different RNA compared to the viruses released by the person when being infected and being contagious, because mutations of the virus may be formed in the body.

Corona viruses can only be demonstrated with swabs if;

1. An infection has occurred in the body and multiplied viruses are released into the mucus and/or if the adaptive immune system has produced antibodies, that are released into the mucus.
2. There are viruses freely present in the mucus sample.

Corona cannot be demonstrated in trapped bacterial colonies that are located in a place in the nasal cavity that cannot be sampled with a swab. As a result, many people can carry Corona viruses without this being noticeable.

In addition, these people can infect others by transmission if these colonies still come loose and or if the virus has been able to multiply. (PS as is demonstrated by 5.1.2e Imperial College London. NRC article 19-1-'21.)

Demonstrating the presence of the Corona virus by finding the virus or its antibodies in the mucus of the epithelium may be one of the reasons why Corona is asymptomatic. The mucus of people with viruses immobilized bacteria is infectious when transmitted (later) to others.

The attached viruses to the immobilized bacteria may not lead to a physical infection, because the virus does not always penetrate through the epithelium. The residence time of the virus in the mucus is critical for the infection risk.

It should be noted that a characteristic of corona infection, the loss of smell, is in line with what you would expect if the smell sensors at the top of the nasal cavity are turned off by stuck immobilized bacterial colonies with Corona-infected or attached viruses.

Current measures to combat the Corona/Covid-19 transmission

Current advised measures are based on preventing infections by reducing transmission:

1. Washing hands regularly,
2. Not touching eyes, nose and mouth with your hands
3. Keeping distance to others and
4. Wearing a facemask

These measures should prevent the transmission of many infected bacteria and viruses with the mucus. They thus reduce the risk of infection based on a reduced intake and a reduced concentration of Corona infectious viruses cumulated in and treated by the mucus in the airways.



The current preventive measures do not provide any additional protection by killing, wither or not immobilized, bacteria and destroying viruses in the mucus and activating the innate immune system. This is possible by frequently wearing the Nose Personal Protection Unit (NPPU). See www.waterandmineralsadvice.com for more info.

The NPPU is a pure copper wire that is in contact with the nasal mucus. Copper ions are slowly dissolved, absorbed and distributed into the nasal mucus. As a result bacteria in the nasal mucus are killed and viruses are damaged.

Killed and damaged bacteria and viruses are recognized by the innate immune system, destroyed and then cleaned up by these cells.

The copper ions are initially an essential mineral for bacteria to grow, among other functions. This leads to bacteria moving towards the copper source. This is in fact the release of a stuck bacterial colony!

Bacteria do not have a regulatory system to prevent too much absorption of copper ions. As a result, they will burst open over time. The high concentration of copper in the bacteria is also recognized by the innate immune system as foreign material and thereby triggers the destruction of them in the mucus.

The wearing of the NPPU can reduce overall transmission and infection risk, and also reduce the potential of viruses present. This cannot be achieved with the current measures.

The first tests with the NPPU showed that after about 2 hours of carrying stuck bacterial colonies come loose and can therefore be disposed. A continuous decrease of bacteria is measured over a time period of 8 hours wearing a NPPU. A NPPU made of non-copper shows no reduction in bacteria.

It is important to endorse the additional and fundamentally different protection mechanism of the NPPU against corona transmission and infection risk reduction and it is important to bring medical attention to it.

What can you do to help us? Any action to accelerate the start of scientific validation is appreciated and will be supported by exchange of knowledge and making NPPU's available free of charge.

With kind regards [redacted] 5.1.2e [redacted] 5.1.2e

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See www.waterandmineralsadvice.com for more info.