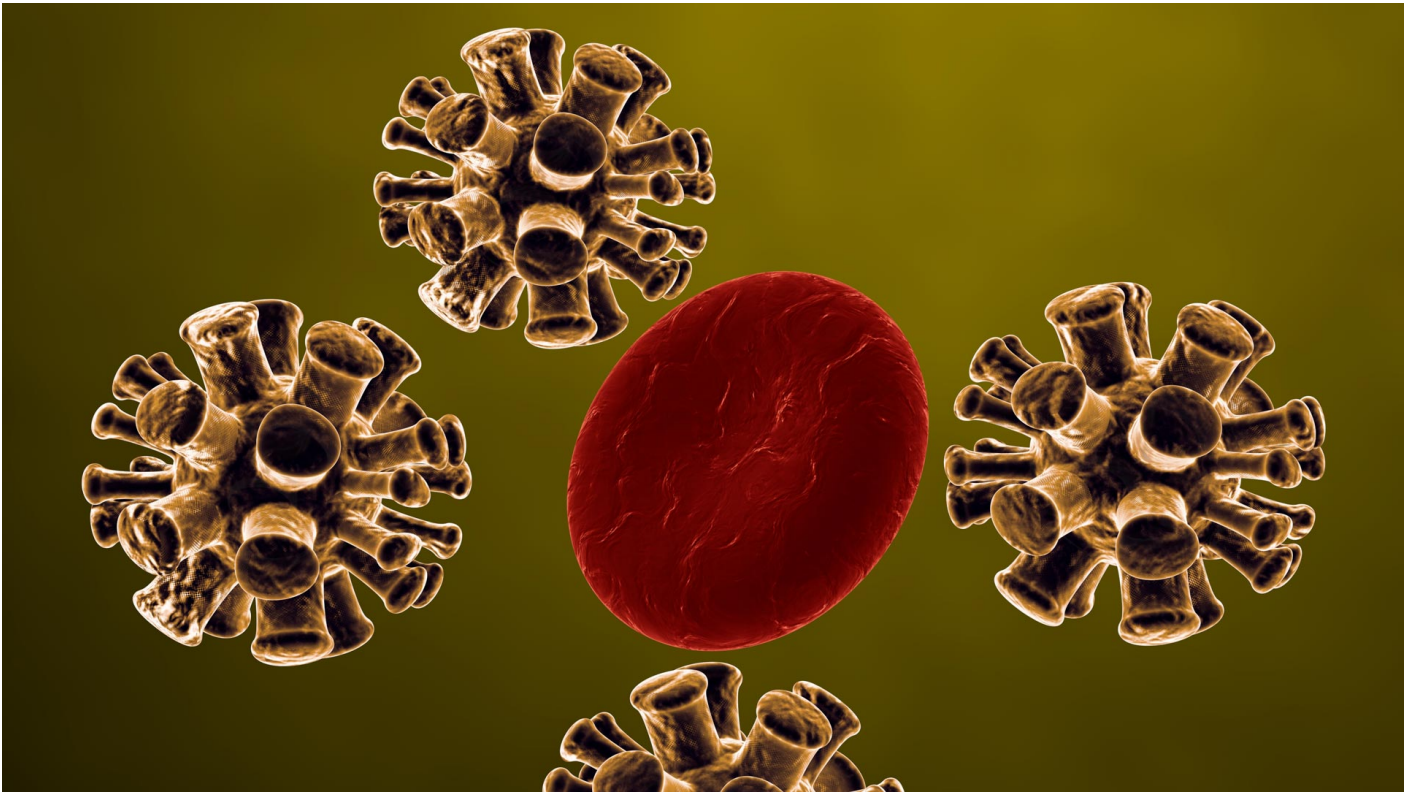


Here's how the coronavirus attacks the human body



How can the SARS-CoV2 coronavirus get into my body and how does it attack?

According to the [World Health Organization](#), not everyone who gets infected will have symptoms of the [COVID-19](#) disease and [only 1 in 6](#) of those who get it will develop a serious illness.

"It's very important to pay attention to your symptoms, as the key to preventing the rapid spread of COVID-19 is prompt detection and self-isolating if it's suspected," says **Dr. Michel Martínez**, head of the [TecSalud](#) Epidemiological Monitoring Unit.



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¿CÓMO ENTRA EL VIRUS A MI CUERPO?

Principalmente, por 3 vías: boca, nariz y ojos

HOW CAN THE VIRUS GET INTO MY BODY?

Chiefly, by 3 routes: the mouth, nose, and eyes.

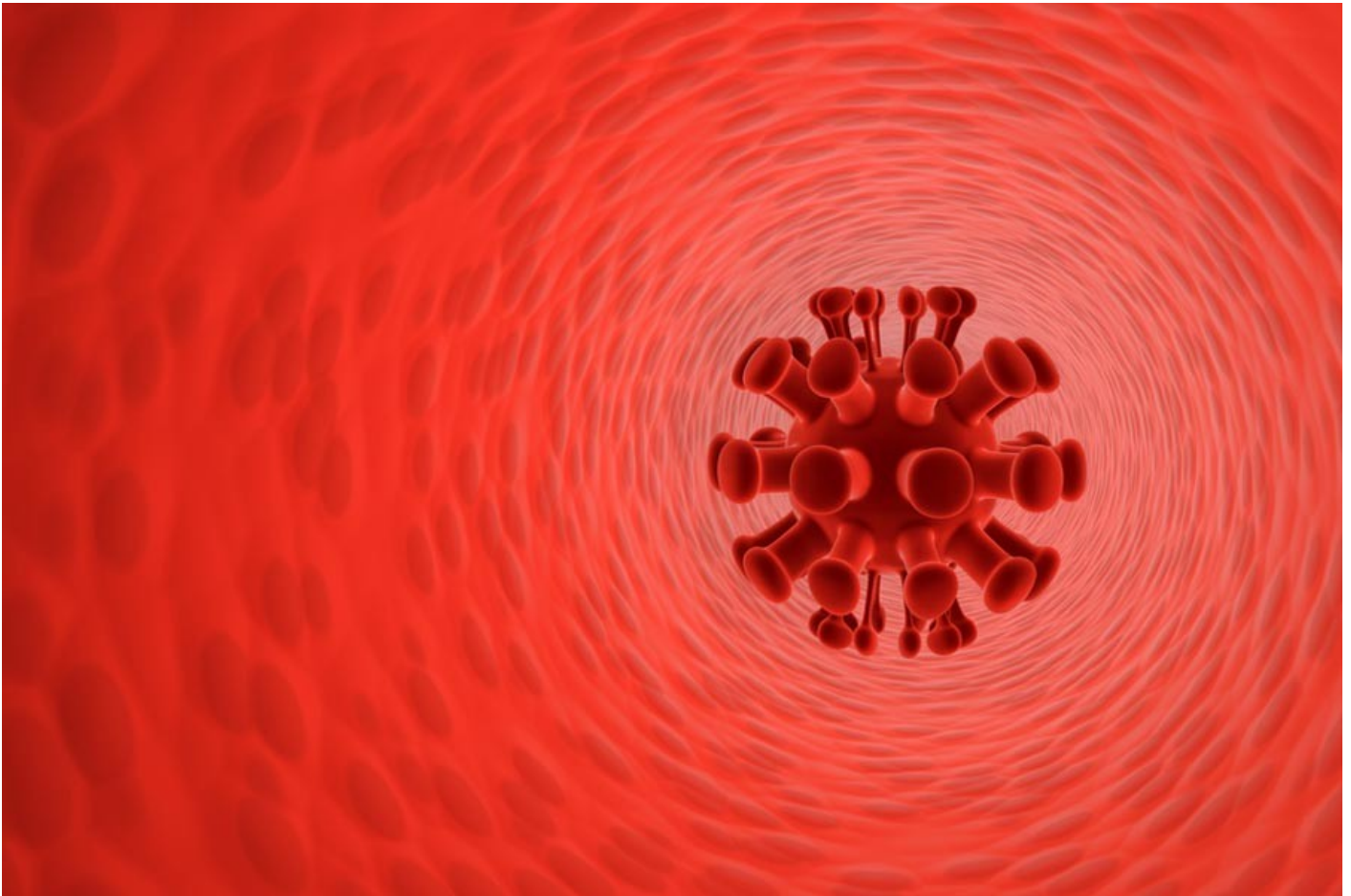
HOW CAN IT GET INTO MY MOUTH, NOSE, OR EYES?

1.- From the “cloud” that comes out of other people’s noses and mouths.

This “cloud” of invisible micro-particles and visible droplets of saliva, as it has been termed by Dr. Hugo López-Gatell, the national government leader on the topic, leaves the body by:

- *Breathing*
- *Talking*
- *Singing*
- *Coughing*
- *Sneezing*

2.- From your hands when you touch contaminated objects



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WHAT HAPPENS IF THE VIRUS IS ALREADY IN MY BODY?

- **The virus looks for a cell it can live in.**

The virus starts to invade the body's cells by "**hijacking them**" to merge its fatty membrane with that of a cell and inject its ribonucleic acid (RNA).

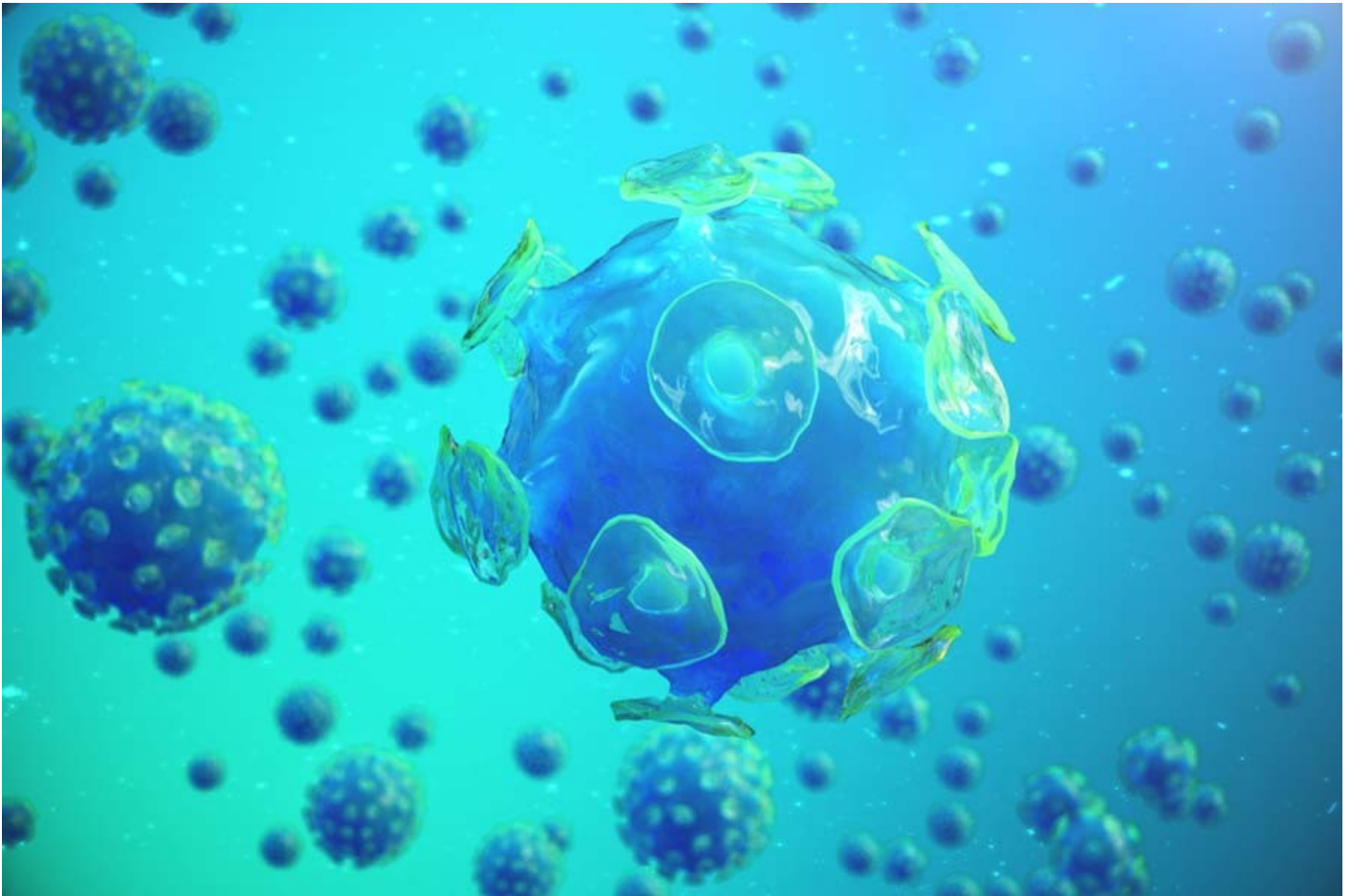
- **The virus starts to copy-paste, cloning itself in order to populate the neighborhood.**

This causes **millions of copies of the virus** to be produced that are in turn released and invade other cells.

- **The defenses react and attack.**

Next, the body's **immune system** responds and produces **symptoms such as a fever** as a defense mechanism. There may also be others such as a **sore throat** and **coughing**.

Symptoms appear between **day 1 and 14** after infection; on average, they appear on **days 5 and 6**.



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WHAT HAPPENS NEXT?

- **The virus dies on its own in most cases.**

In 80 to 85 percent of cases, the symptoms recede over time and, as there is not yet a specific antiviral for SARS-Cov2, medicine is usually given for the symptoms (headache, coughing, diarrhea, etc.).

- **In some cases, the battle causes damage to the body.**

In severe cases, there might be **difficulty breathing**, which appears when the **immune system** overreacts by attacking the **lung cells** as well.

This causes an **obstruction of the lungs** with **fluid and dying cells**, causing **pneumonia**, which in the **most severe cases** can cause death.



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WHO'S MOST AT RISK?

People over 60 and those suffering from problems such as **arterial hypertension, heart conditions, or diabetes** have slightly higher chances of developing a serious illness.

Until now, **4%** of the people in the world who have been recorded as having contracted **the COVID-19 disease** have died, but the vast majority have recovered.



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Tedros Ghebreyesus, Director of the WHO has warned that **even young people can get sick.**

“Young people are not invincible against COVID-19. The coronavirus could put you in hospital for weeks or even kill you,” he warned.

<https://twitter.com/drtedros/status/1241095750492323840?s=12>

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