

## Together, let's fight the pandemic



### **Are messenger RNA vaccines safe?**

Vaccine safety is one of the conditions for the marketing authorization applications (MAA) of a vaccine. A favourable opinion for the MAA is only given when there is sufficient evidence regarding the safety of the vaccine. Vaccines against COVID-19 must meet the same stringent requirements as all other vaccines.

### **Can we have a genetic mutation with an RNA vaccine?**

After vaccination, the vaccine particles that contain mRNA are quickly absorbed by the body's cells. Single stranded mRNA is degraded by internal machinery and mRNA cannot reach the nucleus of our cells, where our DNA is located. Our own DNA is therefore not altered or damaged.

### **Do Covid-19 vaccines contain adjuvants?**

RNA vaccines do not contain an adjuvant, they are structured to stimulate the innate immune system.

### **Is it possible to get COVID-19 by getting vaccinated?**

No, COVID-19 vaccines do not contain live attenuated or inactivated viruses. They cannot cause the disease, but it is possible that the vaccinated person was infected shortly before or shortly after the injection. The body needs a few weeks to protect itself after vaccination.

### **How could COVID-19 vaccines be developed so quickly?**

In the case of COVID-19 vaccines, all these steps are carried out simultaneously. You don't have to wait until one step is completed to move on to the next one.

### **Do COVID-19 vaccines cause adverse effects?**

Like all medications, vaccines can cause side effects, but they do not occur in everyone. These side effects are usually mild to moderate, such as fever, fatigue, headache or local reaction (pain, redness, swelling). These symptoms disappear within a few days.

## How? By vaccination

