How Viral Vector Vaccines Work

1. Scientists make harmless adenoviruses that deliver a short genetic code to your cells.

   Your body destroys the adenovirus after.

2. The genetic code tells your cells to build the same kind of spike proteins that COVID-19 has.

   This can’t change your DNA.

3. Your body then sees the new spike proteins and starts building a defence...

4. ...and launches an attack!

5. Your body can now recognize the COVID-19 spike protein and fight off COVID-19 effectively. You’re building immunity!

The Adenovirus

Adenoviruses commonly cause colds and other mild symptoms. Certain ones were chosen for this vaccine delivery job because they are modified so that they can’t infect humans.

You may feel fatigue, aches, or a fever at this point. It’s your immune system learning!