

# Coronavirus Destruction (Covid-19), with High Efficacy of Magnetic Nanoparticles Containing Antiviral Drug Favipiravir/Remdesivir

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## Abstract

Since the outbreak of coronavirus (caused by the covid-19 virus), many researchers have been working to develop an antiviral vaccine. In the meantime, I have started our research by stabilizing the biomedicines Remdesivir and Favipiravir on the substrate of magnetic nanoparticles, which took 24 hand showed over 92% stabilization. Now we want to grow Covid-19 virus in bacterial medium for half a day, then add magnetic nanoparticles containing Remdesivir and Favipiravir to the bacterial culture medium and show results of over 99% lethality of the virus with the bacterium. Magnetic nanoparticles can be a good substrate without destroying healthy cells and research is still ongoing.

**Keywords:** Magnetic nanoparticles • Spectrophotometer and Electrophoresis analysis • Electrostatic absorption • Favipiravir/Remdesivir • Antimicrobial properties

## Stabilization and stabilization of Favipiravir by Magnetic Nanocomposite Magnetite

The covid\_19 virus belongs to the family of coronavirus, which, like other viruses, contains only one nucleus (DNA) and a protein containing nucleotides [1], which is not a living organism and can only enter the host cell in two ways: with or without the cell. It should be reproduced. Symptoms remain inside the host cell and proliferate spontaneously each time they multiply, but without damaging the cell, or entering the host cell, until the cell is destroyed and viral particles flow through. Blood is multiplied, multiplied. It enters vital organs such as the heart, kidneys, lungs and gastrointestinal tract, and if it occupies more than 80% of the lungs, the person dies due to shortness of breath and severe cough. However, the role of the virus, if the conditions are right, begins to multiply and infect the host body [2]. In this project, I used the antibacterial properties [3,4] of magnetic nanoparticles in previous projects to use its antimicrobial properties to destroy this corona virus to prevent virus replication and cell destruction in any period of the virus. Prevent by macrophages. The secretion of damaged cells and the antiviral drug Favipiravir/ Remdesivir, which is absorbed by magnetic nanoparticles as a magnetic conductor for electromagnetic absorption, fights and destroys the virus (Figure 1).

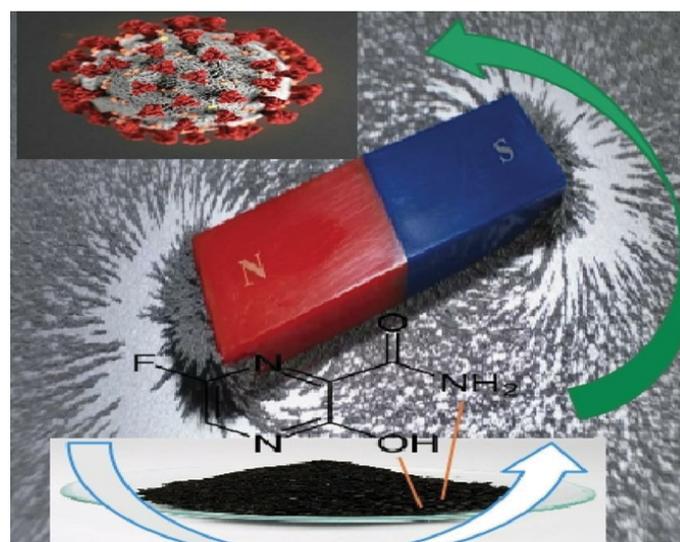
## Conclusion and Discussion

Finally, I can say that it does not matter if you are taking Favipiravir or Remdesivir, it is important that this drug is used magnetically at the site of infection with the virus to kill the virus without damaging other tissues and preventing it from replicating. In addition, viruses that are somehow hidden in parts of the body and waiting for the right conditions for them to grow again can be controlled with a magnetic sensor, so that the magnetic

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**Received** 04 January 2021; **Accepted** 01 February 2021; **Published** 08 February 2021



**Figure 1.** Stabilization of Favipiravir on Magnetite Nanoparticles to eradicate coronavirus (Covid-19).

radiation has serious damage to other healthy cells. Yes, it will not have any side effects even after treatment. The cost of this project is definitely less than all the costs of producing antiviral drugs and it is economically viable. All projects have a process of failure and success that should be given a chance to try, otherwise doing a series of baseless and costly experiments will be nothing but a tangible and limited reduction with all the stress and anxiety for Human societies. It is hoped that this article will be the key to solving this global problem.

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**How to cite this article:** Mansour Binandeh. "Coronavirus Destruction (Covid-19), with High Efficacy of Magnetic Nanoparticles Containing Antiviral Drug Favipiravir/Remdesivir." *J Bioanal Biomed* S6 (2021): 249