

Ivermectin's discoverers were awarded the Nobel Prize in Medicine in 2015.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8383101/>

Since before the vaccine, (2012-2020) multiple in vitro studies have demonstrated that ivermectin inhibits the replication of many viruses. Including influenza, Zika, Dengue and others:

(2012) <https://pubmed.ncbi.nlm.nih.gov/22535622/>
(2012) <https://pubmed.ncbi.nlm.nih.gov/22417684/>
(2013) <https://pubmed.ncbi.nlm.nih.gov/23769930/>
(2016) <https://www.nature.com/articles/srep23138>
(2016) <https://doi.org/10.1016/j.antiviral.2015.12.012>
(2018) <https://www.nature.com/articles/s41598-017-18742-8>
(2018) <https://pubmed.ncbi.nlm.nih.gov/30266338/>
(2020) <https://pubmed.ncbi.nlm.nih.gov/32641484/>
(2020) <https://doi.org/10.1016/j.antiviral.2020.104760>

Ivermectin inhibits SARS-CoV-2 replication and binding to host tissue via several observed and proposed mechanisms:
<https://pubmed.ncbi.nlm.nih.gov/32251768/>

Ivermectin has profound inhibition of both cytokine production & transcription of nuclear factor- κ B (NF- κ B):

<https://pubmed.ncbi.nlm.nih.gov/19109745/>
<https://pubmed.ncbi.nlm.nih.gov/19453757/>
<https://pubmed.ncbi.nlm.nih.gov/19168156/>

Ivermectin significantly diminishes viral load and protects against organ damage in multiple animal models when infected with SARS-CoV-2 or similar coronaviruses:

<https://www.biorxiv.org/content/10.1101/2020.11.02.363242v1>
<https://www.scielo.br/j/aabc/a/RJTggdvvXhWv4HkHcvd3KjK/?format=pdf>

Ivermectin prevents transmission and development of COVID-19 disease in those exposed to infected patients:

<https://c19ivermectin.com/bernigaud.html>
<https://www.medrxiv.org/content/10.1101/2020.09.10.20191619v1>
<https://dx.doi.org/10.21203/rs.3.rs-100956/v2>
<https://pubmed.ncbi.nlm.nih.gov/33259913/>
<https://clinicaltrials.gov/ct2/show/NCT04422561>

Ivermectin hastens recovery and avoidance of ICU admission and death. Hastens recovery & prevents deterioration in patients treated early. Ivermectin reduces mortality in critically ill patients with COVID-19.

<https://www.medrxiv.org/content/10.1101/2020.07.07.20145979v1>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7774457/>
<https://pubmed.ncbi.nlm.nih.gov/33983065/>
<https://www.medrxiv.org/content/10.1101/2020.10.29.20222505v1>
<https://pubmed.ncbi.nlm.nih.gov/32736876/>
https://www.iaimjournal.com/wp-content/uploads/2020/10/iaim_2020_0710_23.pdf