

# Insights in Biology and Medicine

Volume - 5, Issue - 1

Mini Review

Published Date:- 2021-03-23

[Phytochemicals candidates as promising preventives and/or curatives for COVID-19 Infection: A brief review](#)

The outbreak of new coronavirus acute respiratory disease (SARS-CoV-2) has been a major global challenge for the scientific community to save humanity. While, the unviability of the vaccine keeps most classes of society, especially African countries, suffer from the healthcare problem. Conventional medicine plants become the alternative method for the therapeutic because it contains valuable bioactive compounds. This brief review devoted the importance of medicinal plants such as Citrus, olive, garlic, ginger, green tea, woad, broad-leaf privet, Japanese torrey, and saffron crocus, by their antiviral effects (anti-SARS coronavirus, anti-HSV, and anti-HIV diseases) and their promising uses as probable boosters of the immune and anti-inflammatory response from SARS-CoV-2 infection. Based on scientific reports, bioactive compounds could inhibit 3-chymotrypsin-like cysteine protease and human protein ACE2, where these facts can be attractive to develop effective drugs.

---