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COVID-19 Management with Phytoconstituents

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ABSTRACT

The coronavirus is responsible for the 2019-nCoV (COVID-19; novel coronavirus disease-2019) outbreak, which is causing an increase in mortality, as well as a social and economic burden. Scientific groups all across the world are working hard to find a cure for this fatal disease. Despite the fact that no potential drug for COVID-19 has been developed so far, natural phytoconstituents have a significant chemical diversity in the form of antiviral and anti-parasitic potential, which has been widely exploited around the world. Still, phytomedicine-based therapies are considered as the best available treatment option to minimize and treat the symptoms of COVID-19 because of the least possible side effects compared to synthetic drugs recommended by the physicians/clinicians. In this, the use of plant chemicals as a possible therapeutic agent for severe acute respiratory syndrome coronavirus 2 (SARS CoV2) is highlighted with their proposed mechanism of action, which will prove fruitful and effective in finding a cure for this deadly disease.

Keywords: phytochemicals, PubMed, Scopus, Natural phytoconstituents, anti-parasitic potential

