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## Candidate herbal medicines with antiviral activity against covid 19

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### Abstract

Coronavirus disease (COVID-19), is an extremely infectious disease. Since 2019, a terrible pandemic of this disease has swept the globe, and it hasn't stopped, with regular mutations transforming into aggressive and contagious versions. As the world struggles with coronavirus infection, patients are being treated with a variety of antiviral medications and symptomatic therapies, and clinical trials are in progress. In these circumstances, it is more important to consider all of the treatment options for COVID-19, including herbal medicine. People reckon that the COVID-19 patient would be relieved from symptoms and cured by using herbal immunomodulators. In many countries, herbal medication has already been used to manage corona such as China, Africa, Iran. On account of not having adequate preclinical and clinical studies regarding the effect of herbal medication on coronavirus, some herbal medicine plants could be effective to treat patients based on the previous experiments. Some herbal medicines, such as Curcuma longa, Garlic, Cinchona, Echinacea, Ginger, and Curcuma xanthorrhiza are discussed in this article as effective treatments for COVID-19 due to their antiviral effects. Although their effectiveness is still controversial and further research is needed, we also review some impacts of herbal and draw conclusions at the end of the session.

**Keywords:** COVID-19, Herbal, Curcuma, Garlic, Cinchona, Echinacea, Ginger, Xanthoriza