

Review of: "Is Indian Costus Effective Against the SARS-CoV-2 Virus?"

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Potential competing interests: No potential competing interests to declare.

It may help in the treatment of SARS-CoV-2 as Indian costus is a medicinal plant that is widely used in the Middle East to treat a variety of health problems, especially respiratory diseases, due to its active constituents it can be helpful in the treatment. The active constituents present in this can be helpful and has shown results through insilico studies and as per in vitro studies. (https://www.researchgate.net/publication/373289777_Is_Indian_Costus_Effective_Against_the_SARS-CoV-2_Virus)

But more direct scientific validations are required. as per the latest report, its antiviral activity was evaluated against HSV-1 and SARS-CoV-2, and the results showed a significant positive influence against HSV-1 ($EC_{50} = 82.6$ g/mL; $CC_{50} = 162.9$ g/mL; selectivity index = 1.9). In spite of this, no impact could be observed in terms of inhibiting the entry of SARS-CoV-2 in vitro. (Idriss H, Siddig B, González-Maldonado P, et al. Inhibitory Activity of *Saussurea costus* Extract against Bacteria, Candida, Herpes, and SARS-CoV-2. *Plants (Basel)*. 2023;12(3):460. Published 2023 Jan 19. doi:10.3390/plants12030460).