



Al-Salam University  
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Herbs and their metabolites as adjuvant  
treatment for Covid 19  
(Herbs used in Libya during COVID  
Crisis)

Project Submitted for Partial Fulfilment of Requirement of B. Pharm Degree

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## **Abstract**

Coronavirus disease 2019 (COVID-19) is an emerging disease caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) that causing an ongoing pandemic and is considered as a national public health emergency. The signs and symptoms of COVID-19 vary from mild symptoms to a fulminating disease with acute respiratory distress syndrome (ARDS) and multi-organ failure, which may culminate into death with no available vaccines or specific antiviral treatments. God provides us with important medicinal plants. Here I shall shed the light on some recent findings regarding the plants that may help in the treatment of COVID-19 or may even cure it. These plants have medical importance, and widely used for healing purposes throughout human history with great efficacy. Previous studies revealed the presence of many bioactive phytochemical molecules that possece antiseptic, antibacterial, antifungal, antiviral, antiinflammatory, antioxidant, immunostimulant, analgesic, bronchodilor, and immunomodulatory effects on cytokine release. The complementinhibitor substances helpful in the treatment of some diseases related to marked activation of the complement system, like respiratory distress also.