



## Impact of Food, Nutrition, Probiotics, Prebiotics, Synbiotics and Medicinal Plants in COVID-19

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Deadline for manuscript  
submissions:

**closed (30 April 2022)**

### Message from the Guest Editor

A new epidemic, called coronavirus disease 2019 (COVID-19), was first detected on December 8, 2019, in Wuhan (Hubei Province, China), where several cases of severe pneumonia of undetermined aetiology were declared a pandemic by the World Health Organization on March 11, 2020. Symptoms include from fever, cough and fatigue to metabolic acidosis, septic shock, coagulation dysfunction, organ failure (such as liver, kidney, and heart failure), and death. The use or deficiency of several nutrients (such as vitamin D and zinc, among others), the measurement of characteristics of body composition, the consumption of food and drink, in addition to single use or combination of probiotics, prebiotics and symbiotic, the ingestion of bioactive compounds and application of medicinal plants, have been reported in scientific literature and in fake news for prevention and mitigation, or to improve the severity of this disease.

We invite original research articles and reviews focused on current knowledge and future perspectives on foods, nutrition, probiotics, prebiotics symbiotic and medicinal plants used with positive, negative, or neutral implications in the treatment of this disease.





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