



## The Microbiome/Virome Interface during COVID-19

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### Message from the Guest Editor

The SARS-CoV-2 pandemic is causing global disruption and has burdened health systems worldwide. SARS-CoV-2 has a relatively broad tropism, due to the widespread expression of its cellular receptor ACE2; this includes the gastrointestinal (GI) system, and COVID-19 patients with COVID-related GI complications tend to develop more severe disease outcomes. Disruption of the gut barrier, intestinal dysbiosis, and associated immune alterations have been described as pathogenetic mechanisms in a plethora of health conditions, but it is still unclear how SARS-CoV-2/COVID-19 affects the intestinal environment, the gut microbiome, and the progression of other viral infections in co-infected patients or vice versa. The aim of this Special Issue of The Microbiome/Virome Interface during COVID-19 is to collect recent evidence from basic and translational research to answer these questions





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## Message from the Editor-in-Chief

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