Special Issue

The Microbiome/Virome Interface during COVID-19

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

Guest Editor

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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