Special Issue

SARS-CoV-2/COVID-19 Infection: Molecular and Clinical Aspects

Message from the Guest Editors

The onset of the SARS-CoV-2 virus infection has deeply changed our vision of virology and infectious diseases. After three years of the pandemic, an increasing number of papers were published on this subject, but our knowledge of virus biology, pathogenesis, and clinical impact is partially notwithstanding all efforts performed. The study of basic characteristics of SARS-CoV-2 replication, the virological and immunological aspects of the infection, and the analysis of specific clinical evolution including the problem of comorbidities, long-Covid, vaccine impact, and treatment choices, represent a fundamental field of scientific interest. In this Special Issue of *Microorganisms*, we should like to offer the reader a collection of papers on these SARS-CoV-2-related items in order to describe these pivotal aspects and display new observations to shed light on the SARS-CoV-2 "mystery". We think that only a multidisciplinary approach may represent a better way to achieve a more exhaustive comprehension of SARS-CoV-2 infection as a model to study other present and future infections by viruses.

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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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