Special Issue

The Evolution of SARS-CoV-2: Molecular Properties, Virulence and Epidemiology

Message from the Guest Editor

The world is grappling with the unprecedented COVID-19 pandemic caused by the novel severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). As the virus continues to spread globally, understanding its evolution and epidemiology is critical to developing effective strategies to control its transmission, protect vulnerable populations, and mitigate its impact on public health. The field of epidemiology plays a vital role in studying the patterns, determinants, and dynamics of infectious diseases within populations. By studying the epidemiology of SARS-CoV-2 infection, we can gain insights into various aspects of the pandemic, such as the evolution of the virus, disease transmission, risk factors, clinical outcomes, and the effectiveness of interventions. This Special Issue aims to connect researchers, scientists, and health professionals, and thus encourage them to share their research and contribute to our collective understanding of the epidemiological characteristics of SARS-CoV-2. Within the "One Health" concept, we invite researchers from various disciplines to contribute original research articles and comprehensive reviews to this Special Issue.

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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