

Special Issue

Genomic Variation and Epidemiology of SARS-CoV-2

Message from the Guest Editors

The COVID-19 global pandemic caused by SARS-CoV-2 is currently ongoing. Genome-wide analyses of SARS-CoV-2 variants and epidemiological studies are critically important in order to identify changes in virus transmissibility and COVID-19 disease severity, the ability of the virus to avoid immunity induced by vaccination or postinfection, and how these features may impact pandemic progress. The most important mutations are those at the level of the spike protein of SARS-CoV-2, because this region is important for cellular receptor binding and endocellular penetration of the virus, and because vaccination-induced antibodies are directed against it. This Special Issue of the International Journal of Molecular Sciences focuses on the research field of Genomic Variation and Epidemiology of SARS-CoV-2, and welcomes both original research articles and review articles with the aim of providing useful evidence for the global scientific community during the COVID-19 pandemic.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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