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COVID-19 and Molecular Genetics

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Deadline for manuscript submissions:

closed (20 May 2021)

Message from the Guest Editors

With 31,926,175 confirmed cases; 977,357 deaths (3.1%); and 22,004,598 recovered (68.9%) (Sept 24, 2020), COVID-19 is currently the number one challenge for human health worldwide. The COVID-19 pandemic wave has generated many urgent questions about the origin, trajectory, tissue/host variance, and the different clinical manifestations of the causative agent SARS-CoV-2. This Special Issue of *Genes* will focus on examining genetic/genomic variations, pathogenic mechanisms, clinical manifestations, and epidemiological and ethical aspects of the host. Research papers addressing the identification of genetic and epigenetic factors that confer susceptibility or resistance to viral infections and increase the risk of life-threatening complications will be welcomed.

The overall objective of the Special Issue is to contribute to scientific knowledge through the identification of actionable biomarkers to improve diagnosis and management, predict clinical and immunological outcomes, and accelerate the development of new treatments.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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