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Sequencing Techniques and Genomics Technologies to Help with Diagnostics and Virus Characterization – Focus on COVID 19

Guest Editors:

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Deadline for manuscript submissions:
closed (15 April 2021)

Message from the Guest Editors

The COVID-19 pandemic has affected global health and the global economy at an unprecedented scale.

Several groups, both academic and commercial, from across the world, have done ground-breaking research in regard to developing rapid, point-of-care diagnostic tests for SARS-CoV-2. Additionally, there is substantial work on tracking the genomic epidemiology of the virus using state-of-the-art sequencing platforms. We will also consider studies on: patient and population stratification, patient SNPs associated to susceptibility, host interactions (including from vaccination and immunity response).

We invite the research community from both academia and industry to submit their work on SARS-CoV-2 for this Issue. The focus of the Issue is on COVID-19, but we encourage colleagues to submit their work on relevant infectious diseases and genomics technologies.

These research findings will reveal further insights into the COVID-19 pandemic outbreak and its effects. This Issue will help define the actions and guidelines for surveillance, containment, and mitigation, for future events of such magnitude.



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Special Issue



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Editor-in-Chief

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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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