

## Special Issue

# Cardiovascular Diseases and COVID-19

### Message from the Guest Editors

At the outset of the COVID-19 pandemic, it immediately became apparent that individuals with previous cardiovascular diseases were at higher risk for severe forms of COVID-19 and adverse outcomes. Remarkably, recent studies have indicated that both symptomatic and asymptomatic SARS-CoV-2 infection has a negative impact on cardiovascular health and is associated with mortality during the period after COVID-19, which means that SARS-CoV-2 infection should be an important risk factor as well. This Special Issue welcomes original research articles and state-of-the-art reviews. Papers should provide novel data or gather current knowledge regarding the relationship between cardiovascular diseases and COVID-19, with a special focus on pathophysiological aspects of COVID-19 on cardiovascular health, covering (but not be limited to) molecular mechanisms that support deterioration processes such as inflammation, oxidative stress and endothelial dysfunction, useful clinical aspects related to cardiovascular diagnosis injuries, more accurate risk stratification, and finally therapeutic approaches in these specific circumstances.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2023)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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