

Special Issue

COVID-19-Associated Myocardial Injury and Other Cardiovascular Diseases

Message from the Guest Editors

The coronavirus disease 2019 (COVID-19) pandemic has dramatically changed the lives of billions of people and healthcare systems worldwide. Despite being caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), besides the lung, this infectious disease also has severe implications in the cardiovascular system. There is a growing body of evidence suggesting worse outcomes and increased mortality among COVID-19 patients with preexisting cardiovascular diseases. Indeed, SARS-CoV-2 infection can directly or indirectly cause a series of cardiac complications, including acute myocardial injury and myocarditis, acute myocardial infarction, heart failure, and cardiogenic shock and arrhythmias. The aim of this Special Issue is to investigate different aspects of the relationship between COVID-19 and the cardiovascular system, to promote our understanding of the underlying mechanisms, which would aid in identifying and appropriately treating cardiovascular diseases in patients with COVID-19.

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