

Special Issue

Molecular Sciences in Cardiology and Vascular Disorders

Message from the Guest Editor

This issue sets forth in an enlightening exploration into the sophisticated realm of molecular biomedicine with an exclusive focus on cardiology and vascular disorders. By harnessing the principles of biology, chemistry, biomechanics, and medical science, this interdisciplinary field has considerably enriched our understanding of the complex operations and mechanisms underpinning the cardiovascular system. Considering the global prevalence of cardiac and vascular diseases, the necessity for progression in this particular field is heightened. With the implementation of cutting-edge tools and methodologies hailing from molecular genetics, biochemistry, biophysics, and computational biology, cardiovascular research is experiencing a paradigm shift, revealing unprecedented insights, pioneering experimental models, and offering promising therapeutic approaches for these disorders. The advances made in this vibrant field hold great promise, not only in expanding our understanding of cardiovascular pathophysiology, but crucially in driving forward the development methodology for combating ever-increasing cardiac and vascular disorders.

Guest Editor

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Message from the Editorial Board

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