

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

Dr. Ye Zeng

Institute of Biomedical Engineering, West China School of Basic Medical Sciences and Forensic Medicine, Sichuan University, Chengdu, China

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Biology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biology@mdpi.com

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Message from the Editorial Board

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Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

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