

Special Issue

Heart Diseases: Molecular Mechanisms and New Therapies

Message from the Guest Editor

Cardiovascular disease is a leading cause of death globally and its incidence is growing. Understanding the molecular changes that occur in the heart during the development of disease is critical to creating and applying novel therapies to treat heart diseases. This Special Issue aims to highlight and promote our understanding of heart disease, including its molecular basis and emerging therapies to treat these conditions. Papers focused on a range of cardiac conditions from genetic cardiomyopathies to ischemia-reperfusion injury, and stressors that impact heart function from diabetes and hypertension to pregnancy and menopause are welcomed. Furthermore, we invite studies that are fundamental in nature and use animal models of disease, alongside research involving patients and their care. The focus of studies and reviews should be identifying the molecular mechanisms of conditions that impact the heart and/or testing novel therapeutic strategies that mitigate dysfunction and injury. We look forward to receiving your contributions.

Guest Editor

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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