



Heart Diseases: Molecular Mechanisms and New Therapies

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Deadline for manuscript submissions:

closed (30 April 2025)

Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editorial Board

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