

Special Issue

Cellular and Molecular Mechanisms of Myocardial Diseases

Message from the Guest Editor

Even though much is known about the heart and blood vessels, cardiovascular disease is still the leading cause of death around the world. Therefore, there is still a need to find further strategies to prevent, treat, and manage various cardiovascular diseases. Protecting cardiac tissue against cell death is a viable strategy for limiting damage to the heart. The myocardium performs the contraction and relaxation motions that drive circulation, making its protection a priority for preserving cardiac function in the face of cardiovascular disease. The discovery and elucidation of multiple forms of cell death beyond apoptosis has opened multiple avenues for preventing or limiting injury to the heart in cardiovascular disease. Suitable topics for inclusion in this Special Issue include, but are not limited to, the following: apoptosis, necrosis, necroptosis, pyroptosis, ferroptosis, autophagy, or other mechanisms of cell injury and death in cardiomyocytes or myocardial tissue; preventative strategies that protect the myocardium against injury or cell death; and interventions that regenerate or restore cardiac function after myocardial injury.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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