

Special Issue

Molecular Mechanisms and Pathophysiology of Cardiovascular Diseases

Message from the Guest Editor

In recent years, the incidence of cardiovascular disease has continued to rise, and the age of onset has also advanced. Cardiovascular disease has become an important problem for human health, and therefore it is imperative to strengthen the prevention and treatment of cardiovascular diseases. However, their pathogenesis still remains unclear. This research topic aims to find a solution to unsolved problems in the field of cardiovascular disease research, including drug therapy; gene therapy; vascular interventional therapy; immune cell (cardiomyocyte, vascular endothelial cell) function; hypertension, multi-omics analysis, etc. This Special Issue "Frontiers in the Cardiovascular Diseases" welcomes original research articles, reviews, methods, and other article types focused on (but not limited to) the following areas:

- The etiology and treatment of cardiovascular disease.
- The role of immune cells in cardiovascular disease.
- Advanced diagnostic tools and research methods for cardiovascular disease.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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