

Special Issue

Molecular Pathogenesis of Cardiovascular Diseases

Message from the Guest Editors

Cardiovascular diseases (CVDs) remain a leading cause of global morbidity and mortality, covering a broad spectrum of conditions such as myocardial infarction, arrhythmias, and atherosclerosis. Understanding the molecular mechanisms driving these diseases is essential for developing targeted and effective therapies. This Special Issue, "Molecular Pathogenesis of Cardiovascular Diseases", aims to provide the latest insights into the molecular and cellular pathways underlying CVD development and progression. We welcome submissions that investigate the roles of inflammation, fibrosis, immune cell activation, and other key processes in cardiovascular pathology. By integrating diverse perspectives and cutting-edge research, this Special Issue seeks to advance knowledge and inspire novel strategies to combat cardiovascular diseases.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).