

Special Issue

Advances in Cardiovascular Diseases: Pathophysiological Insights, Therapeutic Strategies and Future Directions

Message from the Guest Editors

Cardiovascular diseases (CVDs) remain the leading cause of morbidity and mortality worldwide, encompassing conditions such as hypertension, coronary artery disease, heart failure, and arrhythmias. Despite significant advancements in diagnostics and therapeutic strategies, the global burden of CVDs continues to rise. This Special Issue aims to bring together original research and comprehensive reviews that advance our understanding and offer emerging perspectives in the field of cardiovascular medicine. We welcome contributions that explore the molecular and cellular mechanisms underlying CVDs, and novel pharmacological and non-pharmacological therapies, including those from complementary and alternative medicine, preclinical and clinical studies, and interdisciplinary approaches to address persistent challenges in CVD management. By integrating diverse perspectives and fostering interdisciplinary collaboration, this Special Issue seeks to enhance our collective knowledge and promote innovative, evidence-based solutions that bridge the gap between bench and bedside in cardiovascular disease management worldwide.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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