

Special Issue

Recent Advances in Cellular and Molecular Mechanisms of Cardiovascular and Metabolic Diseases: 2nd Edition

Message from the Guest Editor

The Special Issue on “Recent Advances in Cellular and Molecular Mechanisms of Cardiovascular and Metabolic Diseases: Volume 2” will embrace up-to-date overviews of cellular and molecular biomarkers and pathogenic signaling pathways as potential targets for the development of effective therapeutic and monitoring strategies for cardiovascular and metabolic diseases. Therefore, this Special Issue will provide a comprehensive approach to the detection and investigation of cardiovascular complications derived from metabolic disorders, such as dyslipidemia and diabetes, with the aim of discovering new therapies that are expected to improve patients’ quality of life. In this way, the future of preventing and treating cardiovascular and metabolic diseases can be reshaped. Various forms of manuscripts, including reviews, original research articles, communications, and commentaries, are welcomed.

Guest Editor

Dr. Adriana Georgescu

Department of Pathophysiology and Pharmacology, Institute of Cellular Biology and Pathology 'Nicolae Simionescu' of Romanian Academy, 8, BP Hasdeu Street, P.O. Box 35-14, 050568 Bucharest, Romania

Deadline for manuscript submissions

31 July 2025



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/195213

Biomolecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)



About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

Author Benefits

Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)