



Pharmacology of Cardiovascular Disease

Guest Editors:

Prof. Dr. Vera Marisa Costa

UCIBIO, REQUIMTE, Laboratory of Toxicology, Faculty of Pharmacy, University of Porto, Rua de Jorge Viterbo Ferreira, 228, 4050-313 Porto, Portugal

Prof. Dr. Félix Carvalho

UCIBIO, REQUIMTE, Laboratory of Toxicology, Department of Biological Sciences, Faculty of Pharmacy, University of Porto, Rua de Jorge Viterbo Ferreira nº 228, 4050-313 Porto, Portugal

Deadline for manuscript submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

Cardiovascular diseases are leading causes of death worldwide. Among them, heart failure (HF) has a 50% death rate at 5 years, with no foreseen curable approach. HF numbers are increasing due to population ageing, metabolic diseases (e.g., obesity and diabetes), and even as a result of drug adverse effects, which makes it a public health issue. In particular, the setting of the full picture of the underlying mechanisms of HF; the molecules and pathways involved; the finding of new reliable, accessible, and early detecting biomarkers of damage, where subclinical damage is prevailing; and new curable or life prolonging drugs or therapies that decrease the social and economic of this emergent disease are urgent and will have immediate impact.

Therefore, this Special Issue will accept original research articles and up-to-date reviews about all aspects of cardiovascular diseases, mainly focusing on heart failure, and that cover but are not restricted to molecules involved in

- The pathophysiology of HF
- Disrupted intracellular pathways
- Early biomarkers of the disease that can have future clinical relevance
- Treatment approaches for heart failure

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vladimir N. Uversky

Department of Molecular
Medicine, USF Health Byrd
Alzheimer's Research Institute,
Morsani College of Medicine,
University of South Florida, 12901
Bruce B. Downs Blvd, MDC07,
Tampa, FL 33612, USA

Message from the Editor-in-Chief

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.

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, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Biochemistry*)

Contact Us

Biomolecules
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomolecules
biomolecules@mdpi.com
@Biomol_MDPI