



life



an Open Access Journal by MDPI

New Insights into Cardiovascular and Exercise Physiology

Guest Editors:

Dr. Helena Lenasi

Institute of Physiology, Faculty of
Medicine, University of Ljubljana,
Ljubljana, Slovenia

Prof. Dr. Ines Drenjančević

Faculty of Medicine, Osijek
University, Josip Juraj
Strossmayer Osijek, Osijek,
Croatia

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

Cardiovascular physiology is a huge and, at a first glance, rather heterogenous area encompassing the closed circuit of the heart and vessels, each presenting with their unique features. However, it is the fine orchestrated interplay of all players that enables a proper supply of nutrients and oxygen to tissues according to their current needs and thus normal functioning of the organism. Aside from the systemic circulation that has mostly been investigated, far less is known about the pulmonary circulation, which undoubtedly represents an important circuit.

Physical exercise has increasingly been regarded as one of the potentially beneficial measures to improve cardiovascular health, interfering with numerous elements of the cardiovascular system and implying a multitude of potential mechanisms. Where is the line between benefit and harm? How do different types of exercise affect the cardiovascular system in health and disease?

Accordingly, this Special Issue would like to attract scientists from various fields of cardiovascular and/or exercise physiology to present their new findings, from the gene and molecular to the cellular level and up to investigations in humans.



mdpi.com/si/139367

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in
Biomedicine (IRB Barcelona), The
Barcelona Institute of Science
and Technology, 08028
Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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](#), [PMC](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Biology*) / CiteScore - Q2 (*Paleontology*)

Contact Us

Life Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)