

Special Issue

Novel Insights into Heart–Lung Interaction and Hemodynamics

Message from the Guest Editor

Modern hemodynamic monitoring devices provide a wide range of sophisticated parameters to decode the patient's condition and help to determine the optimal therapy. From continuous cardiac output estimation and blood pressure measurement to the more complex evaluation of the cardiovascular interactions or microcirculation, these hemodynamic variables rely on often poorly understood physiological principles. More profound knowledge of these principles would allow a better understanding of the underlying mechanisms of cardiovascular disorders and a better interpretation of hemodynamic variables provided by current hemodynamic monitoring tools. This Special Issue “**Novel Insights into Heart–Lung Interaction and Hemodynamics**” will be focused on the cardiovascular physiology applied to critically ill patients and cover some of these physiological principles. Hopefully, this series of articles will provide the reader with a broader comprehension of the physiological principles necessary to understand modern monitoring tools.

Guest Editor

Dr. Manuel Ignacio Monge García

Intensive Care Unit, Hospital Universitario SAS Jerez, 11408 Jerez de la Frontera, Spain

Deadline for manuscript submissions

closed (27 May 2023)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/134648

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

mdpi.com/journal/

[life](https://life.mdpi.com)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)