

Special Issue

Hydration Status and Cardiovascular Diseases

Message from the Guest Editors

Fluid overload is a common clinical feature in cardiovascular diseases and contributes to debilitating symptoms, worsened quality of life, and poor prognosis. The assessment and management of hydration are key nursing issues, and intervention on fluid balance is a principle for therapy of many cardiac disorders. Additionally, consequences of hypohydration may be harmful, causing limited exercise performance, cognitive dysfunction, orthostatic intolerance, or even acute organ hypoperfusion. The pathophysiology underlying fluid depletion or retention is complex and multifactorial, and can provoke augmented reflex sympatho-excitation in response to mismatch in fluid balance. From a clinical perspective, a precise assessment of volume and hydration status remains a significant challenge, particularly identifying the status of “euvolemia” following the treatment and nutritional strategy. In this Special Issue, we aim to collect up-to-date studies presenting novel results and future perspectives in the area of hydration status in cardiovascular diseases. We welcome the submission of original research articles, reviews, and expert opinions.

Guest Editors

Dr. Paweł Krzesiński

Dr. Robert Zymliński

Prof. Dr. Stanisław Niemczyk

Deadline for manuscript submissions

closed (30 November 2022)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/116173

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

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





Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (UIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, 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, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)