Special Issue

Nutritional Strategies and Metabolic Support in Perioperative Medicine and Intensive Care

Message from the Guest Editors

The Special Issue "Nutritional Strategies and Metabolic" Support in Perioperative Medicine and Intensive Care" in *Nutrients* highlights the essential role of nutritional and metabolic support in improving outcomes for surgical and critically ill patients. Malnutrition and metabolic disturbances are common in these populations and have a significant impact on clinical outcomes. This Special Issue invites original research, reviews, and clinical perspectives on evidence-based nutritional strategies that promote recovery, enhance immune function, and improve patient survival. Areas of focus include perioperative nutrition, early enteral and parenteral feeding, immunonutrition, metabolic optimization, and personalized approaches to medical nutrition therapy. Additional emphasis will be placed on innovations in prehabilitation, micronutrient supplementation, and the development and use of nutritional screening tools. By sharing current insights and practical strategies, this collection aims to serve as a valuable resource for clinicians committed to optimizing patient care through targeted nutritional interventions.

Guest Editors

Dr. Manuel Ángel Gómez-Ríos

Department of Anesthesiology and Perioperative Medicine, Complejo Hospitalario Universitario de A Coruña, 15006 A Coruña, Spain

Prof. Dr. Andre van Zundert

Faculty of Medicine, The University of Queensland, Herston 4006, Australia

Deadline for manuscript submissions

25 January 2026



Nutrients

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed



mdpi.com/si/245122

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

mdpi.com/journal/ nutrients





Nutrients

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed





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. Lluis Serra-Majem

- Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
- Research Institute of Biomedical and Health Sciences (IUIBS),
 University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
 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)