Special Issue

Nutritional Supports for Sport Performance

Message from the Guest Editors

This Special Issue invites the submission of high-quality research papers and reviews that advance our understanding of how nutrition influences sports performance. We aim to explore various aspects of sports nutrition, including but not limited to, the impact of macronutrients, micronutrients, supplements, hydration strategies, and timing of nutrient intake on athletic performance, recovery, and overall health. Contributions may also cover dietary strategies for different types of sports, personalized nutrition, the role of gut microbiota in performance, and nutritional challenges faced by athletes. We welcome studies involving athletes of all levels, from amateur to elite, as well as research that addresses specific needs of special populations engaged in sports activities.

This Special Issue seeks to provide insights that can help athletes, coaches, nutritionists, and sports medicine professionals to optimize performance through evidence-based nutritional strategies. Submissions that provide new insights into the mechanisms by which nutrition can affect sport performance, as well as those exploring emerging trends and innovations in sports nutrition, are particularly encouraged.

Guest Editors

Dr. Sergio L. Jiménez Sáiz

Sport Sciences Research Centre, Universidad Rey Juan Carlos, Fuenlabrada, 28942 Madrid, Spain

Dr. Helios Pareja-Galeano

Department of Physical Education, Sport and Human Movement, Universidad Autónoma de Madrid, 28049 Madrid, Spain

Deadline for manuscript submissions

5 October 2025



Nutrients

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed



mdpi.com/si/205053

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)