

Special Issue

Dietary Supplementation with Omega-3 Fatty Acids in Health and Disease

Message from the Guest Editor

Dietary supplementation with omega-3 fatty acids has long been known to modify inflammatory processes and may be used to maintain health or improve the prognosis in a variety of pathologies, the eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) found in it competing with the same enzymatic pathway as arachidonic acid (a main omega-6 fatty acid) to aid in the modification of the prostaglandins and leukotrienes produced through this pathway, this modification resulting in a less inflammatory environment if omega-3 fatty acids are metabolized. Recent work from the scientific community has identified a role for omega-3 fatty acid supplementation in ameliorating or treating a variety of health conditions/diseases, acting as a preventative agent, the goal of this Special Issue being to provide the most up-to-date scientific evidence on the potential therapeutic and preventative nature of omega-3 supplementation.

Guest Editor

Dr. Stephen Cornish

Faculty of Kinesiology and Recreation Management, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

Deadline for manuscript submissions

closed (31 January 2023)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/105437

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)