



Polyunsaturated Fatty Acids: New Molecular Mechanisms and Nutritional Therapeutic Challenges

Guest Editors:

Prof. Dr. Dominique Delmas

1. Inserm Research Center
UMR1231 "Lipids, Nutrition,
Cancer", Université de
Bourgogne, 7 Blvd Jeanne d'Arc,
21000 Dijon, France
2. Centre de Lutte Contre le
Cancer Georges-François Leclerc
Center, 21000 Dijon, France

Dr. Virginie Aires

Inserm Research Center
UMR1231 "Lipids, Nutrition,
Cancer", Université de
Bourgogne, 7 Blvd Jeanne d'Arc,
21000 Dijon, France

Deadline for manuscript
submissions:

closed (25 May 2024)

Message from the Guest Editors

Among the molecules that have aroused great interest in the scientific community, polyunsaturated fatty acids (PUFAs) are of particular importance in terms of both nutrition and health. It has been clearly established that PUFAs, of natural or industrial origin, constitute aggravating or protective factors in various diseases (cardiovascular, cancer, inflammatory, etc.) and age-related processes. In this evolving scientific context, knowledge regarding the link between PUFAs and health is rapidly advancing. This Special Issue aims to cover areas related to the biosynthesis and distribution of PUFAs, their bioavailability and their health benefits, both in the field of nutritional prevention and in the therapeutic field. Specifically, this Special Issue will highlight newly discovered biological mechanisms of PUFAs and their derivatives in various pathologies, along with their potential applications.





an Open Access Journal by MDPI

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 (IUIBS), 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 & Dietetics*) / CiteScore - Q1 (*Nutrition and Dietetics*)

Contact Us

Nutrients Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI