



nutrients



an Open Access Journal by MDPI

The Role of Nutrients and Diet Patterns on Circulating Lipid and Lipoprotein Profile

Guest Editor:

Dr. Juana María Sanz

Department of Chemical and
Pharmaceutical Sciences,
University of Ferrara, Via Luigi
Borsari, 46, I-44121 Ferrara, Italy

Deadline for manuscript
submissions:

25 November 2024

Message from the Guest Editor

The developed and, increasingly, the developing countries are facing an exponential increase in cardiovascular disease (CVD), whose onset and progression is driven by obesity and its metabolic aberrations. In particular, aberrant lipid metabolism in the context of obesity, the metabolic syndrome and type 2 diabetes leads to an increase in circulating triglycerides, small and dense LDL lipoproteins and a decrease in HDL cholesterol as well as HDL lipoprotein functionality. In this context, unbalanced dietary patterns play a prominent role by fostering body weight gain, disrupting energy metabolism and promoting a pro-atherogenic lipid profile.

In line with this, this Special Issue aims at gathering novel insights into the impact of dietary patterns and nutrients on lipid metabolism, lipoprotein quality and lipoprotein lipidomic profile. As part of this Special Issue, we invite the submission of original manuscripts spanning basic to clinical research, but also meta-analysis, narrative and systematic reviews focusing on the role of diet in lipoprotein metabolism, the circulating lipid profile and their repercussions on CVD.



mdpi.com/si/202213

Special Issue



nutrients



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](https://x.com/Nutrients_MDPI)