



Lipid and Fatty Acid Metabolism in Cardiovascular Diseases

Guest Editors:

Prof. Dr. Fernando Civeira

Facultad de Medicina,
Universidad de Zaragoza,
Zaragoza, Spain

Dr. Itziar Lamiquiz-Moneo

Hospital Miguel Servet, Zaragoza,
Spain

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Lipid and fatty acid are major component of the human daily diet, which play various essential physiological roles. The human body evolves multiple mechanisms to maintain lipid homeostasis, such as low-density lipoprotein receptor mediates clearance of circulating low-density lipoprotein cholesterol; phospholipid transfer protein mediates the transfer of phospholipids from apoB-containing triglyceride-rich lipoprotein to high-density lipoprotein, etc. Disorders of Lipids and fatty acid metabolism may cause dyslipidemia, for example, hypercholesterolemia, or other types of hyperlipidemia, which is a critical factor of various human diseases, such as Alzheimer's disease, cardiovascular disease and other Metabolic diseases.

This Special issue will focus on the effects of Lipids and fatty acids metabolism related to human diseases, covering the molecular mechanisms, pathological factors, therapeutic methods and other aspects. Both comprehensive reviews and original articles are welcomed.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI