



Bioaccessible and Bioavailable Natural Bioactive Compounds for the Management of Metabolic Syndrome

Guest Editors:

Prof. Dr. José Ángel Rufián-Henares

Dr. Fortuna Iannuzzo

Dr. Maria Maisto

Dr. Elisabetta Schiano

Deadline for manuscript
submissions:
closed (25 October 2023)

Message from the Guest Editors

Metabolic syndrome is a collection of cardiometabolic risk factors that include obesity, insulin-resistance, hypertension, and dyslipidemia. This condition is often associated with an increased risk of developing diabetes and cardiovascular disease, and it is also characterized by increased oxidative stress and chronic inflammatory processes. In recent decades, the use of natural compounds for the treatment and prevention of metabolic disorders has attracted the general attention of the scientific community because of their potential biological efficacy and low or no side effects. In this Special Issue, we invite researchers to submit original research articles or review papers addressing the potential effect of bioaccessible and bioavailable bioactive molecules, occurring in the food matrixes, on metabolic syndrome and its related disorders. We are pleased to invite research papers dealing with studies on in vitro or in vivo models and clinical trials with the main objective of expanding knowledge in this field and gaining new insights.





an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Alessandra
Napolitano**

Department of Chemical
Sciences, University of Naples
"Federico II", Via Cintia 4, I-80126
Naples, Italy

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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](#), [FSTA](#), [PubAg](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Food Science & Technology*) / CiteScore - Q1 (*Food Science*)

Contact Us

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

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

mdpi.com/journal/antioxidants
antioxidants@mdpi.com
[X@antioxidants_OA](#)