



Dietary Antioxidants: Their Complex Interplay with Nutrients and Pharmaceuticals

Guest Editors:

Dr. Maria Wallert

Prof. Dr. Marc Birringer

Prof. Dr. Stefan Lorkowski

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

Antioxidants are ubiquitous in human nutrition and have the potential to act as nutraceuticals in the prevention or therapy of many chronic diseases driven by oxidative stress. Several micronutrients, namely vitamins and phytochemicals, express antioxidative capacities by regulating redox homeostasis and redox signalling. To compensate the dietary deficiencies supplementation with multivitamin complexes or phytochemicals is widely used, regardless of the lack of knowledge on the potential synergistic or antagonistic effects of dietary antioxidants with nutrients and pharmaceuticals.

The Special Issue "*Dietary Antioxidants: their complex interplay with nutrients and pharmaceuticals*" aims to collect reports and reviews investigating the underlying molecular mechanisms of the bioavailability of dietary antioxidants, as well as antioxidant-nutrient interactions, antioxidant-drug interactions, and interferences of antioxidants with human metabolism. Furthermore, studies focusing on the development of new experimental approaches, analytical methods and targeted delivery systems of dietary antioxidants will be welcome.





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 (Chemistry, Medicinal) / CiteScore - Q1 (Food Science)

Contact Us

Antioxidants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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