

Special Issue

Antioxidants in the Prevention and Treatment of Chronic Diseases

Message from the Guest Editor

Research in previous decades has established a strong association between the generation of free radicals and the onset of numerous diseases. Although the production of free radicals is a naturally occurring process, many factors can play pivotal roles in their increased production. This can lead to a state of oxidative stress, described as an imbalance between free radicals and antioxidants in the body, when it is associated with the pathogenesis of cardiovascular diseases, cancer, neurodegenerative diseases, and other chronic and age-related diseases. Antioxidants hinder oxidative processes and thereby have the ability to delay or prevent oxidative stress. It is well known that fruits and vegetables are rich in antioxidant-rich compounds such as phytochemicals, including carotenoids, flavonoids and others, vitamin E, vitamin C, selenium, etc. Moreover, omega-3 and other fatty acids also play a prophylactic role in many diseases. This Special Issue is focused on the new generation of nutraceutical products, their related mechanisms of action, and the contribution of antioxidants to both the prevention and treatment of chronic diseases.

Guest Editor

Dr. Christos Kontogiorgis

Laboratory of Hygiene and Environmental Protection, Medical School, Democritus University of Thrace, 68100 Alexandroupoli, Greece

Deadline for manuscript submissions

closed (31 January 2021)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/33812

Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

[mdpi.com/journal/
antioxidants](https://mdpi.com/journal/antioxidants)





Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



[mdpi.com/journal/
antioxidants](https://mdpi.com/journal/antioxidants)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Alessandra Napolitano

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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