

Special Issue

Redox-Inflammatory State and Immune Function. Role of Antioxidant Compounds

Message from the Guest Editor

The redox state, which is associated with an inflammatory situation, is the base of health or disease depending on its characteristics. Moreover, oxidative-inflammatory stress is the principal cause of the aging process. Thus, antioxidants and anti-inflammatory compounds are good or bad depending on the circumstances. In this context, the function of the immune system, which is the best marker of health, is a perfect example of this controversy. In fact, immune cells need to produce oxidation and inflammation to carry out their defensive functions against infections and cancers. The use of antioxidants, which have shown important benefits for immunity and health should be controlled, especially the amounts given and the time of life at which they are used. Thus, depending on these factors, antioxidants can be useful or harmful for health or be ineffective. This Special Issue invites articles about any aspect of oxidation, inflammation, immunity, aging and antioxidant effects, across a range of experimental approaches, including molecular, pre-clinical, and translational studies.

Guest Editor

Prof. Mónica De la Fuente

Department of Genetics, Physiology and Microbiology (Animal Physiology Unit), School of Biology, Complutense University of Madrid (UCM), 28040 Madrid, Spain

Deadline for manuscript submissions

closed (31 December 2020)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/43393

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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