

Special Issue

Antioxidants in Oxidative Stress Diseases

Message from the Guest Editors

Reactive oxygen species (ROS), including free radicals, are involved in many physiological and pathological events, and the control of their production is modulated by endogenous and exogenous systems, whose final goal is to maintain the redox equilibrium. Several diseases (e.g., neurodegeneration, cancer, cardiovascular diseases, etc.) are associated with an imbalance in this redox control, and biomarkers of oxidation have been correlated with the development of several age-related diseases. In this context, the use of antioxidants, either through dietary intake or supplementation, has been proposed to counterbalance ROS-induced oxidation. Furthermore, several human intervention trials with antioxidant supplementation have shown no conclusive evidence to support the use of vitamins and antioxidant supplements for the prevention of redox-related diseases. With this in mind, this Special Issue aims to publish original research papers, systematic reviews, and meta-analyses that contribute to better clarify the complexity related to dose/gender/age responses on antioxidant-protection against the most common diseases linked with oxidative stress.

Guest Editors

Prof. Dr. Rosita Gabbianelli

Unit of Molecular Biology and Nutrigenomics, School of Pharmacy,
University of Camerino, Via Gentile III da Varano, 62032 Camerino, Italy

Dr. Elisabetta Damiani

Department of Life and Environmental Sciences, Polytechnic University
of the Marche, Ancona, Italy

Deadline for manuscript submissions

closed (31 May 2019)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/19651

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)