

## Special Issue

# Cellular and DNA Damage in Oxidative Stress Conditions: Cytoprotective and Genoprotective Potential of Antioxidant Molecules

### Message from the Guest Editors

This Special Issue focuses on the cytoprotective and genoprotective roles of different antioxidant molecules in preventing disorders related to OS. Researchers are invited to contribute with original manuscripts, reviews and case reports on humans and animals, aiming to elucidate the mechanisms through which OS contribute to the development of several diseases and clarify the role of supplementation with antioxidant substances as a treatment. The topics of particular interest include the in vivo and in vitro effects of antioxidant exposure, the protective activity of different antioxidants in counteracting cell damage related to oxidative stress, antigenotoxic molecules for preventing DNA damage, the DNA-damage response following antioxidant treatment, and the development of new therapies for the treatment of disorders related to oxidative stress.

### Guest Editors

Dr. Lucia Rocco

Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, University of Campania Luigi Vanvitelli, 81100 Caserta, Italy

Dr. Filomena Mottola

Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, University of Campania Luigi Vanvitelli, 81100 Caserta, Italy

### Deadline for manuscript submissions

closed (15 June 2023)



## Antioxidants

an Open Access Journal  
by MDPI

Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



[mdpi.com/si/107224](https://mdpi.com/si/107224)

*Antioxidants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[antioxidants@mdpi.com](mailto: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)