

## Special Issue

# Bioactive Compounds and Antioxidants in Fruits and Vegetables

### Message from the Guest Editors

The growing number of scientific studies conducted to demonstrate the functional and healthy properties of pools of bioactive molecules extracted from plant matrices and their waste is now known. In particular, scientific studies provide strong evidence that polyphenols are involved in different pathways favoring a potential beneficial effect on diseases such as obesity, dyslipidemia, blood pressure, and blood sugar and associated complications (oxidative stress and inflammation). However, despite an exorbitant number of research, overall, the evidence provided to establish a cause-and-effect relationship between polyphenols and their health effect is not sufficient. In this Special Issue, we invite the scientific community (chemists, pharmacologists, biochemists, drug chemists, and toxicologists) to provide original papers, clinical reports, and review articles to understand and rationalize the potential beneficial effects of polyphenols on consumer health. The focus of this Special Issue is to gather interdisciplinary expertise with the aim of building factual understanding that can be translated through industrial work into health benefits.

---

### Guest Editors

Dr. Marilena Muraglia

Department of Pharmacy-Drug Sciences, University Aldo Moro Bari, 70125 Bari, Italy

Prof. Dr. Filomena Corbo

Department of Pharmaceutical Chemistry, Università degli Studi di Bari, Bari, Italy

---

### Deadline for manuscript submissions

closed (15 December 2024)



## Antioxidants

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.6  
CiteScore 14.7  
Indexed in PubMed



[mdpi.com/si/144549](https://mdpi.com/si/144549)

*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 14.7  
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 (Clinical Biochemistry)