

## Special Issue

# Antioxidant and Antimicrobial Activity of Plant Extracts and Their Pharmacological Applications

### Message from the Guest Editors

The exploration of the antibacterial and antioxidant properties of plant extracts has generated a lot of interest in medicine. Plant extracts contain antioxidants that scavenge free radicals, preventing damage to cells and reducing the risk of chronic diseases. In addition, plant-derived antimicrobials possess inhibitory effects against a variety of diseases, opening up exciting possibilities for the development of new pharmaceuticals. For this Special Issue of Antioxidants, we invite authors to submit their most recent studies or reviews on the effects of plant extracts which contain significant antibacterial and antioxidant components. We are also interested in publications that emphasize pharmaceutical applications.

### Guest Editors

Prof. Dr. Andrea Bunea

Prof. Dr. Sanda Andrei

Prof. Dr. Mihai Cosmin Cenariu

### Deadline for manuscript submissions

closed (15 July 2025)



## Antioxidants

an Open Access Journal  
by MDPI

Impact Factor 6.6  
CiteScore 12.4  
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*Antioxidants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[antioxidants@mdpi.com](mailto:antioxidants@mdpi.com)

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## 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.

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### Editor-in-Chief

Prof. Dr. Alessandra Napolitano

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

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