

Special Issue

Exploring Recent Advances in Plant Extracts: Understanding Antioxidant Mechanisms and Health Benefits

Message from the Guest Editors

The focus of this Special Issue is to elucidate the mechanisms underlying the antioxidant activity of plant extracts and expound on their potential health benefits. Researchers are encouraged submit studies that seek to investigate the identification and characterization of bioactive compounds within plant extracts, their antioxidant capacity assessment using both in vitro and in vivo models, and the exploration of their molecular mechanisms of action. Additionally, we welcome clinical trials and human studies evaluating the beneficial health effects of plant extracts in diverse populations in order to provide valuable insights into their efficacy and optimal dosage. By publishing in this Special Issue, researchers have the opportunity to contribute to the collective knowledge and advance the field of plant extracts, antioxidant activity, and health effects. We aim to foster interdisciplinary collaboration, explore innovative methodologies, and present cutting-edge research in this rapidly expanding field.

Guest Editors

Prof. Dr. Gianina Cristina Crișan

Department of Pharmaceutical Botany, Iuliu Hațieganu University of Medicine and Pharmacy, 8 Victor Babeș Street, 400347 Cluj-Napoca, Romania

Dr. Ana-Maria Vlase

Department of Pharmaceutical Botany, Faculty of Pharmacy, Iuliu Hațieganu University of Medicine and Pharmacy, 8 Victor Babeș Street, 400012 Cluj-Napoca, Romania

Deadline for manuscript submissions

closed (31 May 2025)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/173894

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)