

Special Issue

Antioxidants in Age-Related Diseases and Anti-Aging Strategies

Message from the Guest Editors

Aging is a complex process based on multiple mechanisms. It is a significant risk factor in the genesis and progress of noncommunicable diseases affecting various tissues and systems. As the world population continues to get older, age-related diseases will become increasingly prevalent. These diseases are the result of cellular reduced activity of protective stress response pathways, the accumulation of cellular damage, leading to oxidative stress and inflamm-aging, major contributors to cellular senescence. Different strategies to slow or reverse these illnesses are needed to postpone aging and increase healthy aging. Plant origin foods including dark green leafy vegetables, berries and nuts, rich in phytochemical antioxidant molecules, have been revealed to diminish the risk of age-associated syndromes in animal models and humans. Nevertheless, more research is required to further identify specific dietary constituents or other antioxidant molecules, recognize mechanisms of action or develop new anti-aging strategies. We cordially invite researchers in the field to contribute original research articles or reviews to this Special issue of Antioxidants

Guest Editors

Prof. Dr. Daniela-Saveta Popa

Prof. Dr. Laurian Vlase

Dr. Marius Emil Rusu

Dr. Ionel Fizesan

Deadline for manuscript submissions

closed (20 May 2022)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/76261

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)