

Special Issue

Antioxidant Therapy for Cardiovascular Diseases

Message from the Guest Editors

It is widely agreed that ROS and oxidative damage are pathological components of cardiovascular diseases (CVDs). For decades, considerable research has focused on approaches to eliminate excess free radicals generated in the body. Yet, experimental and clinical studies focused on the use of antioxidant therapy to mitigate myocardial damage have yielded mixed results. Moreover, decreasing the systemic level of ROS by using antioxidant therapy may in fact be detrimental in certain instances. Homeostatic mechanisms that maintain the balance between ROS generation and antioxidant production and consumption in CVD require fine tuning for optimal therapeutic outcomes. Our objectives in this Special Issue of Antioxidants are twofold: 1) to re-evaluate the utility and value of antioxidants in the prevention and treatment of CVD; 2) to highlight the expanding efficacy of naturally occurring antioxidants and synthetic antioxidants toward improvement of the functional and structural changes of CVD.

Guest Editors

Dr. Lanrong Bi

Prof. Dr. K. Michael Gibson

Prof. Dr. Guim Kwon

Deadline for manuscript submissions

closed (31 March 2024)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/82539

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)