



Current Insights and Trends in Vitamin C Research

Guest Editors:

Dr. Anitra Carr

Nutrition in Medicine Research
Group, Department of Pathology
and Biomedical Science,
University of Otago, Christchurch,
New Zealand

Prof. Dr. Jens Lykkesfeldt

Faculty of Health and Medical
Sciences, University of
Copenhagen, Copenhagen,
Denmark

Deadline for manuscript
submissions:

20 August 2024

Message from the Guest Editors

Vitamin C research continues apace. New discoveries about around vitamin C's pleiotropic mechanisms of action, as well as its complex pharmacokinetics resulting in varying requirements depending on health, lifestyle, different disease states, etc. Many diseases are characterized by accompanying inflammation and oxidative stress, both of which increase requirements for vitamin C. The more recent discovery of vitamin C's role in epigenetic regulation opens much wider involvement of this micronutrient in genetic expression and general health than previously acknowledged. A vast body of epidemiological evidence has long suggested that disease prevention is facilitated by the optimal intake of micronutrients such as vitamin C, but well-designed intervention studies are lacking. Globally, vitamin C intake recommendations vary widely. Further research in this area will provide an evidence base to aid in the harmonization of intake recommendations worldwide. We invite you to submit your high-quality vitamin-C-focused research for consideration for publication in our Special Issue.





an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Alessandra
Napolitano**

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

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.

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 (*Food Science & Technology*) / CiteScore - Q1 (*Food Science*)

Contact Us

Antioxidants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antioxidants
antioxidants@mdpi.com
[X@antioxidants_OA](#)