



Synthetic Antioxidants: Health Benefits, Hazards and Alternatives

Guest Editors:

Dr. Mohammad Hossain

Chemist III, The State Laboratory,
Backweston Laboratory Campus,
W23 VW2C Celbridge, Ireland

Dr. Dilip Rai

Teagasc Food Research Centre
Ashtown, D15KN3K Dublin,
Ireland

Deadline for manuscript
submissions:

closed (30 November 2018)

Message from the Guest Editors

Synthetic antioxidants are widely used in food industries to prevent oxidation of food matrices. They are also used as food supplement for various health benefits such as anti-cardiovascular diseases and anti-aging. However, chronic consumption of synthetic antioxidants has been linked to various diseases including cancer. Concrete evidence showing their health hazards is limited. Further studies on technological, health and hazard aspects of synthetic antioxidants and their natural counterparts are required in order to get better understanding of these groups of compounds.





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](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Chemistry, Medicinal) / CiteScore - Q1 (Food Science)

Contact Us

Antioxidants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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