



Impact of Processing on Antioxidant Rich Foods

Guest Editors:

Prof. Dr. Monica Rosa Loizzo

Department of Pharmacy, Health
and Nutritional Sciences,
University of Calabria, 87036
Rende, CS, Italy

Prof. Dr. Rosa Tundis

Department of Pharmacy, Health
and Nutritional Sciences,
University of Calabria, Via P.
Bucci, Edificio Polifunzionale,
87036 Arcavacata Rende, CS, Italy

Deadline for manuscript
submissions:

closed (20 March 2022)

Message from the Guest Editors

Food is processed in order to make it safe, to make its shelf-life more stable, and to make it more desirable. Despite these benefits, processing can also affect the nutritional quality of foods, with particular reference to compounds that are able to exert antioxidant activity. Dietary antioxidants include nutrient and nonnutrient compounds. The major nutrient antioxidants are vitamins and fatty acids, whereas nonnutrient antioxidants include polyphenols, flavonoids, iridoids, and carotenoids. Antioxidants help to prevent the occurrence, development, and progression of several diseases (including cancer, and cardiovascular and neurodegenerative disease). The introduction of natural antioxidants via antioxidant foods rich diet has been found to be a promising strategy to counteract the undesirable effects of oxidative stress. The focus of this Special Issue is to collect and discuss the impact of conventional and innovative processing to retain an adequate level of antioxidants in foods or strategies to limit their loss.

We look forward to your contribution.





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](#)