

Special Issue

Bioactive Compounds from Food Waste: Bioprocessing and Technological Advancement

Message from the Guest Editors

Generation of food by-products or food waste is unavoidable in commercial food production. While extensive efforts have been made to transform these downstream waste materials into animal feed and organic fertilizers, interest in adding value, capture of maximum nutritional value of the resource, as well as the discovery of potential health benefits that can be gained from extraction of bioactives, is growing. This Special Issue would welcome original research and reviews of literature examining the use of novel and emerging technologies that can maximise the quantitative and qualitative extraction of antioxidants. A wide interest for the waste materials (meat, seafood, wine, dairy, agricultural waste, cereal processing, fermentation, nuts processing, brewery, coffee, oilseed processing). Contributions addressing the following topics are welcome: Use of emerging technologies for the extraction of antioxidants; Modelling studies and economical cost-benefit analysis; Identification of antioxidants from waste; Reviews examining waste utilisation from inedible waste sources for antioxidant recovery; Solvent free and green technologies.

Guest Editors

Dr. Alaa El-Din A. Bekhit

Department of Food Science, University of Otago, Dunedin 9054, New Zealand

Dr. John Birch

Department of Food Science, University of Otago, Dunedin, New Zealand

Deadline for manuscript submissions

closed (31 March 2018)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/11361

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)