Special Issue

Polyphenolic Antioxidants from Agri-Food Waste Biomass

Message from the Guest Editors

Agri-food processing waste has long been considered a valuable biomass, bearing a significant polyphenol load and profile. Polyphenols, aside from being powerful antioxidants that confer inherent stability to a variety of foods, may also possess versatile bioactivities, including anti-inflammatory and chemopreventive properties.
The valorization of agri-food waste as a prominent sources of polyphenols stems from the enormous amount of food-related material discharged worldwide and the emerging eco-friendly technologies that allow high recovery, recycling, and sustainability of these materials.
This Special Issue addresses the concept of recovering natural polyphenolic antioxidants from waste biomass generated by agri-food and related industrial processes. Contributions pertaining to the sustainable production of isolated bioactive compounds or whole extracts and their utilization in the food, cosmetic and pharmaceutical industries are particularly welcome.

Keywords

- agri-food wastes
- antioxidants
- biomass
- polyphenols

Guest Editors

Dr. Dimitris P. Makris

Green Processes & Biorefinery Group, School of Agricultural Sciences, University of Thessaly, 43100 Karditsa, Greece

Prof. Dr. Selin Şahin

Chemical Engineering Department, Istanbul University-Cerrahpaşa, 34320 Avcilar, Turkey

Deadline for manuscript submissions

closed (31 October 2019)

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/si/26037

Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

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

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)