



## Polyphenolic Antioxidants from Agri-Food Waste Biomass

Guest Editors:

**Dr. Dimitris P. Makris**

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

**Dr. Selin Şahin**

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

Deadline for manuscript  
submissions:  
**closed (31 October 2019)**

### 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





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## 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.

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*Antioxidants* Editorial Office  
MDPI, Grosspeteranlage 5  
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