

## Special Issue

# Plant Materials and Their Antioxidant Potential

### Message from the Guest Editors

The most abundant by-products from the minimal processing of fruits and vegetables are the peel and seeds, and these are reported to contain high amounts of phenolic compounds with antioxidant and antimicrobial properties. The use of extracts with antioxidant potential from fruit and vegetable waste in the production of food ingredients, functional foods, nutraceuticals, pharmaceuticals and cosmeceuticals can ensure the development of new methods for processing fruit and vegetable waste and by-products; the use of bioprocessing and biorefining to transform fruit and vegetable wastes and by-products into value-added foods; and the development of new food, cosmetic and pharmaceutical products based on bioactive extracts from food and fruit and vegetable waste. In this Special Issue, we invite researchers to provide original research and review articles that relate to antioxidants and human health. We welcome papers from researchers in a wide range of fields, such as the food industry and the fields of biotechnology, physiology, biochemistry, medicine and nutrition. The aim of this Special Issue is to provide a valuable collection of new knowledge in this field.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2023)



## Antioxidants

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## 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.

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### Editor-in-Chief

Prof. Dr. Alessandra Napolitano  
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