

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.

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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.

Editor-in-Chief

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