



By-Products Valorization: Bioactive Compounds as Antioxidant Agents

Guest Editor:

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Message from the Guest Editor

In general, by-products from food matrices represent a negative environmental impact in several regions worldwide, despite recent improvements of waste management strategies.

Some of these by-products are rich sources of valuable compounds with high biological activities that can be useful tools to recovering and using these bioactive compounds as nutraceutical, natural food additives, therefore showing their potential to be used in the pharmaceutical, cosmetics, and food industries.

Contributions for this Special Issue can cover the following topics: the optimization of the extraction procedure of bioactive compounds; analytical procedures for the identification and quantification of these compounds; biological activities associated with the compounds identified; antioxidant activity assays; and applications of bioactive compounds isolated from by-products.





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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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