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## Extraction and Stabilization of Natural Antioxidants from Agri-Food By-Products

Guest Editors:

**Dr. Gianni Zoccatelli**

Department of Biotechnology,  
University of Verona, Strada Le  
Grazie 15, 37134 Verona, Italy

**Dr. Maria Bellumori**

Department of NEUROFARBA,  
University of Florence, Via Ugo  
Schiff 6, Sesto Fiorentino, 50019  
Florence, Italy

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### Message from the Guest Editors

To satisfy this increasing need for natural antioxidants, it is possible to take advantage of the enormous stream of by-products from food agri-food supply chains that often contain considerable amounts of value-added molecules endowed with antioxidant capacity. Thus, the identification of alternative antioxidant sources from food by-products and more sustainable biomasses like microalgae and the development of innovative extraction processes, possibly based on green solvents, have been the objectives of many researchers. Due to the intrinsic fragility of antioxidant molecules, the extraction process is frequently followed by a stabilization phase, e.g., encapsulation, aiming to extend the efficacy of these compounds and improve functional properties. This Special Issue aims to further underline current developments in all fields dealing with the extraction, characterization and encapsulation of antioxidant compounds from alternative and more sustainable sources and evaluate their antioxidant capacity.



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# Special Issue



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### 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  
4052 Basel, Switzerland

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