

Special Issue

Advances in Plant Methods: Antioxidant Activity in Plant Extracts

Message from the Guest Editors

Plants and fruits are a source of food and play an essential role in maintaining a balance against environmental factors including human-induced stressors, which are becoming a crucial problem nowadays. These stressors and changes affect all stages of the plant's lifecycle, from development to fruit ripening. A growing number of investigations have shown the significance of good extraction and analysis methods, based on innovation and type of plant, to evaluate several issues. It is a conditional of quality research that it possesses excellent tools of work such as extraction methods appropriate for analysis of factors such as the following:

- Abiotic/biotic stress;
- Antioxidant metabolism;
- Nitro-oxidative stress;

The present Special Issue of *Antioxidants* aims to provide the most current extraction and analysis methods in plants and fruits, as well as to improve and extend the knowledge of higher plants related to mechanism of action, antioxidant metabolism, and abiotic/biotic stress. This Special Issue is open to different types of manuscripts, including reviews, original research papers, or new methods.

Guest Editors

Dr. Marta Rodríguez-Ruiz

Department of Biochemistry and Molecular and Cellular Biology of Plants, Spanish National Research Council, CSIC, Granada, Spain

Dr. Salvador González Gordo

Department of Biochemistry and Molecular and Cellular Biology of Plants, Spanish National Research Council, CSIC, Granada, Spain

Deadline for manuscript submissions

closed (30 September 2024)



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Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

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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

Prof. Dr. Alessandra Napolitano

Department of Chemical Sciences, University of Naples “Federico II”,
Via Cintia 4, I-80126 Naples, Italy

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