



Advances in Plant Methods: Antioxidant Activity in Plant Extracts

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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.





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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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