

Special Issue

Antioxidant Systems in Fruits and Vegetables: Pre- and Postharvest Factors

Message from the Guest Editors

This Special Issue will be focused on highlighting the effect of preharvest factors (cultivar, ripening stage at harvest, application of plant growth regulators, etc.) as well as postharvest factors (treatments, temperature, storage, chilling injury, etc.) on the change of these phytochemicals at harvest and during postharvest storage. Further, the latest knowledge about the use of noncontaminant and nontoxic natural compounds (considered as environmentally friendly) to perform new postharvest treatments that will maintain the quality and extend the shelf-life of fruits and vegetables without compromising their safety, appearance or sensory properties, and preserving the bioactive compounds and antioxidant activity will be also included. On the other hand, the effects of preharvest treatments with natural compounds on increasing the concentration of these biocompounds during the on-tree ripening process will be reported in order to increase the health beneficial effects of fruits and vegetable consumption.

Guest Editors

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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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