



Natural and Synthetic Antioxidants as Food Additives

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Message from the Guest Editor

Traditionally, food production is closely related to the utilization of various additives and spices. Depending on consumer demand and region, a broad variety of additives is being used for the improvement of foods' safety features, sensory characteristics, and elongation of shelf-life.

Today, in response to the consumer trend of adapting a "healthier" lifestyle in order to prevent the development of various diseases, the food industry has broadened the features of food additives to include their nutritional value combined with their health beneficial effects. Among numerous additives tested, molecules and natural product extracts displaying strong antioxidant activities were highlighted as the best fit to consumer demand, since they have been determined as capable to prevent or retard the development of various illnesses.

Consequently, there is a strong scientific interest and industrial demand for the development of novel, safe, and multipurpose food additives, of natural or synthetic origin, that possess potent antioxidant properties and comply with the standards set by the contemporary food manufacturing industry.





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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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