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Delivery Systems of Natural Antioxidants

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Message from the Guest Editors

Antioxidants have been considered to be potential components for preservatives since they prevent oxidative stress, have pharmacological activities, and can maintain the nutritional characteristics of food products during their shelf life. Among others, antioxidants have been widely explored as promising components in delivery systems to promote their application in the food, cosmetics, and pharmaceutical sectors.

This Special Issue will cover a selection of original research, the following topics will be considered: new sources of natural antioxidants for delivery systems and new delivery systems, novel technologies that enhance the delivery of bioactive antioxidant agents, and edible packaging and films with antioxidants that protect food against oxidative deterioration.

Aspects to consider in all of the above include the physicochemical characteristics of these systems, improvement of the shelf-life of food, increases in bioavailability and controlled and targeted release, relationships between the structure of these systems and their functionality, interactions of these components with different matrices, and stability of new formulated products with these systems.



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Special Issue



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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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