Special Issue

Antioxidants for the Oxidative Stabilisation of Food Lipids

Message from the Guest Editor

Combining antioxidants with different mechanisms of action appears to be the most effective approach to intervene in the different stages pertaining to the oxidative process of food lipids. In recent years, it has been claimed that oil–water interfaces spontaneously created by the self-associations of amphiphilic components in oils facilitate oxidative reactions. The greater affinity of polar antioxidants for these interfaces could explain their greater efficacy compared to lipophilic antioxidants. Nevertheless, little is known about the effects of interactions between antioxidants and the spontaneously created colloidal units on the oxidative stability of bulk oils. Using combinations of various antioxidants for concentration purposes at different regions in oil-in-water emulsions, including oil, water, and especially oil–water interfaces, offers one of the best ways to control lipid oxidation. This Special Issue is open to studies on antioxidants or antioxidant strategies for preventing lipid oxidation in foods, with a specific focus on antioxidant combinations in bulk oils and oil-in-water emulsions.

Guest Editor

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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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