



Lipid Oxidation in Food and Nutrition

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Message from the Guest Editor

“We are what we eat” claimed the German philosopher Feuerbache and he was right: health is built at the table through food. Several researchers have published that a significant increase in lipid peroxidation is one of the main factors involved in the rancidity of dietary fats, such as vegetable oils, with consequent loss of food quality and organoleptic characteristics. In recent years, several studies have shown how foods rich in antioxidants can improve the quality of food products and the health of the consumer. The purpose of this Special Issue is to support human health through basic, multidisciplinary and clinical research of food and commodities of animal origin to improve public health in a One Health concept.

We are inviting you to submit your latest research findings or a review article to this Special Issue, which will provide the latest information on the beneficial effects of natural antioxidants and demonstrate the underlying molecular mechanisms of their bioactivities using various in vitro and in vivo disease models.





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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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