

Special Issue

High-Fat Diet-Induced Oxidative Stress

Message from the Guest Editors

The growing consumption of high-fat diets has sparked intense debate regarding their effects on human health, particularly their role in generating oxidative stress. This Special Issue seeks to explore the biochemical and molecular mechanisms through which a high-fat diet influences oxidative stress and to examine how this phenomenon contributes to various disorders linked to high fat intake. We also invite contributions that investigate strategies to mitigate the impact of oxidative stress induced by high-fat diets, including the role of antioxidants, dietary modifications, and physical activity. This comprehensive approach aims to shed light on new perspectives for the prevention and treatment of diet-induced oxidative stress-related diseases and to provide an overview of recent advances in this critical area of biomedical research.

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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.

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