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Oxidative Stress in Obesity

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Deadline for manuscript submissions:

closed (31 January 2022)

Message from the Guest Editors

Obesity is a serious public health challenge of the 21st century. The risk of a plethora of major diseases, including type 2 diabetes mellitus, cardiovascular disease, and several common cancers is dramatically increased in obese patients. In recent years, it has been recognized that oxidative stress may be the mechanistic link between obesity and related complications.

We invite you to submit your latest research findings or review article to this Special Issue, which will bring together current research concerning oxidative stress in the context of obesity for acquiring a deeper understanding of the underlying pathophysiological mechanisms that could provide novel therapeutic targets. This research can include both experimental, as well as clinical studies relating to any of the following topics: the role of oxidative stress in the obesity complications, the interaction between mitochondrial oxidative stress and endoplasmic reticulum stress or autophagy in these complications, the regulation of antioxidant defense in the context of obesity, and the effects of antioxidants in the complications associated with obesity.

We look forward to receiving your contribution.



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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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