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Oxidative/Nitrosative Stress in Cardiovascular Diseases

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Deadline for manuscript submissions:

20 November 2024

Message from the Guest Editors

In this issue, we intend to focus on new advances in our knowledge of the pathogenesis of oxidative stress in cardiovascular disease pathogenesis, as well as new therapeutic strategies.

We therefore invite investigators to contribute original research articles, as well as review articles, in order to explore the pathological manifestations, molecular mechanisms, and innovative pharmacological approaches preventing and/or managing this condition. Articles involving different experimental models are welcome.

Potential topics include, but are not limited to, the following:

Novel molecules/signaling pathways/mechanisms implicated in oxidative stress associated with cardiovascular disease pathogenesis;

New therapeutic avenues/the development of specific treatments;

Novel animal experimental models, studying oxidative stress in I/R injury;

Omics as new approaches in cardiovascular diseases;

Extracellular vesicles as prognostic/diagnostic biomarkers;

Diets, exercise, and aging;

New clinical management strategies in cardiology and cardio-oncology fields.



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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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