

## Special Issue

# Oxidative Stress and Arterial Blood Pressure

### Message from the Guest Editors

Oxidative stress is defined as an imbalance between prooxidants and antioxidants, resulting in excessive production of reactive oxygen species. Imbalanced ROS generation/elimination can cause structural and physiological damage to DNA, RNA, proteins, and lipids, thereby contributing to inflammation, endothelial dysfunction, vascular injury, and tissue damage associated with hypertension. We encourage you to contribute your latest research or review to this Special Issue, which aims to compile the latest advances in the understanding of the relationship between oxidative stress and hypertension, as well as their potential for designing and evaluating novel antihypertensive therapies.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2024)



## Antioxidants

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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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### Editor-in-Chief

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