

## Special Issue

# Oxidative Stress, Diet and Chronic Disease

### Message from the Guest Editors

As you well know, oxidation is a process inherent to life. Oxygen allows us to breathe and helps the human body to perform many functions. However, it is also the cause of certain harmful effects, such as oxidative stress.

Oxidative stress, an imbalance between the production of reactive oxygen species and antioxidant compounds and molecules, has been associated with chronic diseases (diabetes, eye diseases, heart disease, cancer, kidney diseases, respiratory diseases, etc.). Free radicals cause alterations in lipids, proteins, fatty acids, and nucleic acids, leading to cell death by apoptosis. A proper diet can help to combat oxidative stress by incorporating foods high in antioxidants. Nevertheless, it is necessary to properly design the diet since some foods that contain antioxidants also contain pro-oxidant compounds, so their consumption could be counterproductive to combat oxidative stress. This Special Issue on "Oxidative Stress, Diet and Chronic Disease" aims to collect original articles and systematic reviews on oxidative stress and risk of chronic disease, as well as dietetic interventions to reduce the harmful effect of oxidative stress.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2023)



## 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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