# Special Issue

# Protective Effects of Edible and Medicinal Plant Extracts against Oxidative Stress

## Message from the Guest Editors

Oxidative stress caused by imbalanced metabolism and an excess of reactive oxygen species (ROS) leads to a range of health disorders in humans, including diabetes, cardiovascular disease, and cancer. ROS are produced continuously in the body, via oxidative metabolism, mitochondrial bioenergetics, and immune function, which are involved in the progression, growth, death, and differentiation of cells. Various modifiable factors cause oxidative stress; therefore, the use of simple interventions, such as supplementation with plant foods with a high antioxidant compound content, can decrease oxidative stress levels and reduce the incidence of complex diseases. Edible and medicinal plants contain plenty of compounds with antioxidant and anti-inflammatory properties. The Special Issue will publish original research papers and reviews related to edible and medicinal plant antioxidant effects, the mechanisms of action, and health benefits in the prevention and treatment of chronic diseases.

## Guest Editors


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## Deadline for manuscript submissions

closed (20 April 2023)


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CiteScore 5.5

mdpi.com/si/84275

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Editor-in-Chief

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