

Special Issue

Dietary Regulation of Oxidative Stress in Chronic Diseases

Message from the Guest Editors

Oxidative stress is a state of marked imbalance between the production of reactive oxygen and nitrogen species (ROS, RNS), from both endogenous and exogenous sources, and their removal by antioxidants. Although the origin of many chronic diseases can be multifactorial, oxidative stress is common to all of them. Oxidative stress contributes to the pathology of cardiovascular, renal, and lung diseases, neurological disorders, cancer, diabetes, psychiatric conditions, and ageing. On the other side, studies have indicated that regular consumption of fruits, vegetables, and other foods rich in antioxidants may lower the incidence and/or delay the onset of chronic diseases. Dietary antioxidants are food constituents that can prevent and ameliorate the deleterious effects of ROS and RNS on normal physiological functions. This Special Issue will highlight the existing evidence regarding different functional foods, nutritive and non-nutritive (bioactive) compounds and their health effects, with the focus on their impact on oxidative stress, as a common denominator of most chronic diseases.

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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