

Special Issue

Nutraceuticals in Cardiovascular and Metabolic Diseases

Message from the Guest Editors

Nutraceuticals exert promising health-promoting effects, both for prevention of disease and to support current therapies, as observed in preclinical and clinical studies. The reduction of oxidative stress is one of the target mechanisms common to many nutraceuticals, but compelling evidence has also shown the ability of these molecules to modulate additional signalling, such as cell clearing systems, mitochondrial metabolism, and nutrient sensing pathways, which are usually dysregulated in cardiovascular and metabolic diseases. However, many aspects concerning the use of nutraceuticals in human diseases should be further clarified. Plasma bioavailability and tissue distribution after intake are not well characterized for many nutraceuticals, and the molecular mechanisms underlying their beneficial effects are not fully understood. The identification of new nutraceuticals in natural sources is also encouraged. This Special Issue will focus on the role of nutraceuticals in cardiovascular and metabolic diseases. We invite authors to submit original articles covering studies performed as basic research, pre-clinical models of diseases and review articles.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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