



Nutraceuticals for the Prevention and Treatment of Cardiovascular Disease

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Deadline for manuscript submissions:

closed (15 April 2023)

Message from the Guest Editor

In this Special Issue, we welcome original research and review articles, which provide a better understanding of the effects of nutrients and nutraceuticals on cardiometabolic disorders.

Potential topics include, but are not limited to, the following:

Evaluation of the potential of using nutraceuticals in cardiometabolic disorders in *in vitro* and *in vivo* studies, including the safety and the cellular and molecular mechanisms.

High-performance analytical methods suitable for extraction and purification of the natural compounds from functional foods, dietary supplements and herbs, for their stability and the study of their bioavailability *in vitro* and/or *in vivo* in biological fluids.

Bioanalytical methods to determine the biological and toxicological effects of these substances and their effect on the management of cardiometabolic disorders.

Study of the physicochemical properties of the compounds to develop new formulations that help in ameliorating oxidative-stress-induced inflammatory diseases.

Nutraceuticals, new formulations or specific diets as therapeutic strategies. Nutrigenetics, nutrigenomics and the potential effect on the intestinal microbiome.





nutrients



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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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