

Special Issue

Bioactive Compounds from Food in the Prevention and Treatment of Chronic Non-communicable Diseases

Message from the Guest Editor

Chronic non-communicable diseases are based on local and systemic metabolic alterations, which can be controlled by bioactive compounds that activate as well as multiply defense cells from the immune system and mainly promote anti-inflammatory, antimicrobial, and antioxidant effects. However, although these compounds have promising effects in metabolic disease, new studies are necessary to establish the dose–response relationship, time required for exposure, and potential side effects, in order to ensure the effectiveness and safety of their use, reducing the development of chronic diseases. Thus, the aim of this Special Issue is to provide new insights on the dose–response of bioactive compounds’ mechanisms and functions in maintaining optimal health and disease prevention/treatment. The welcome original contributions, epidemiological studies, narratives, systematic reviews, and meta-analyses.

Guest Editor

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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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