

Special Issue

Bioactive Compounds and Chronic Inflammation

Message from the Guest Editor

Over the last ten years significant attention has been placed on the different beneficial properties of bioactive compounds. However, their role in human nutrition in relation to the development and progression of chronic inflammatory diseases has only recently been considered.

Chronic inflammatory diseases including autoimmune, metabolic, pulmonary, neurodegenerative, and many other diseases, are a consequence of persistent inflammatory triggers, which cause a low-grade inflammatory status in the body. Dysbiosis, in particular, has been strongly associated with chronic inflammation, raising the possibility to modulate chronic disease development and progression through microbiome manipulation.

Chronic inflammation represents an additional risk factor in developing comorbidities. There is, indeed, a clear interaction between chronic inflammation and development of cardiovascular diseases, a process that is generally aggravated by pharmacological therapy. In this context bioactive compounds might have a crucial role both in preventing the development of chronic inflammatory diseases and their comorbidities and modulating their clinical outcome.

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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