

Special Issue

Dietary Phytochemicals: Natural Swords Combating Inflammation

Message from the Guest Editor

Diet has complex and multidimensional effects on physiological and immunoregulatory processes. The consumption of plant ingredients (phytochemicals) exhibits various biological activities such as anti-oxidation and anti-inflammatory effects, which have attracted extensive attention for the prevention of metabolic and inflammatory-related diseases. On the other hand, some phytochemicals also induce allergic reaction and chronic diseases by recruiting inflammatory cells, which is detrimental to human health. Thus, the purpose of this Special Issue is to collect and discuss the recent developments regarding the regulatory role and molecular mechanism of new phytochemicals or their composite effect on inflammatory pathways, which are involved in metabolic disorders and human health. This better understanding of phytochemicals regulating inflammation can improve the use of currently available treatments and prevention against inflammatory and metabolic diseases or design of novel therapeutic strategies against allergic inflammation. This Special Issue will include both original research and systematic reviews.

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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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