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Dietary Phytochemicals: Natural Swords Combating Inflammation

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Message from the Guest Editor

Dear Colleagues,

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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Special Issue



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