

Special Issue

Dietary Antioxidants in Inflammation

Message from the Guest Editor

The presence of natural antioxidants in diets has been the subject of several studies aimed at promoting different processes related to the development of a series of chronic non-communicable diseases and inflammation. The inflammatory process is usually initiated by oxidation by reactive oxygen species (ROS), represented by peroxides, superoxide ion, hydroxyl radicals, and singlet oxygen. These compounds can be formed by the normal metabolism of the body and also induced by environmental factors (such as sunlight, pollution, cigarette, ionizing radiation, and alcohol) and also intrinsic factors (such as infection by bacteria, viruses, and parasites). The body reacts against the oxidative process through different enzymes such as superoxide dismutase (SOD), glutathione peroxidase (GTX), and catalase (CAT), and also by different vitamins (such as C, E, and A), carotenoids, and phenolic compounds. The Special Issue on Diet Antioxidants and Inflammation is aimed at researchers and institutions that work with antioxidants present in food and their participation in metabolic processes related to human inflammation.

Guest Editor

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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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