Special Issue

The Effect of Dietary Compounds on InflammationMediated Diseases

Message from the Guest Editors

Diet has been identified as a key modulator of inflammation. Chronic low-grade inflammation has been linked with the pathogenesis and progression of several non-communicable diseases, such as autoimmune, cardiovascular, neurodegenerative diseases, and even cancer. Several dietary compounds have been shown to possess either proinflammatory or anti-inflammatory properties. For example, saturated fat and refined carbohydrates may induce inflammatory and oxidative stress, and several micronutrients, such as minerals and vitamins, are known for their antiinflammatory potential. Not only nutrients, but also non nutrient microconstituents, such as phytochemicals, are important immunity and inflammatory modulators. The aim of this Special Issue is to welcome original clinical research and reviews on the investigation of the effect of specific foods or dietary compounds on inflammation-mediated diseases.

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