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The Effects of Dietary Lipids on Inflammation and Gut Microbiota

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Message from the Guest Editor

There is evidence that impairments in lipid metabolism stimulate proinflammatory responses in the body, disturbing proper function of immune system. This might result in chronic inflammation that also affects the function of the digestive system, such as digestion, nutrient absorption, and intestinal barrier function. Furthermore, disturbances in gut microbial composition, known as gut dysbiosis, have been shown to have a significant impact on both the progression of the inflammatory process in the body and subsequent development of non-communicable diseases such as diabetes type II, cancer, and neurodegenerative diseases. Consequently, this Special Issue on ‘The Effects of Dietary Lipids on Inflammation’ aims to gather scientific evidence on the association among lipid metabolism, inflammation, and gut microbiota composition, as well as prospects to counteract diet-induced disturbances inked to lipid metabolism.



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