

Special Issue

Study on Metabolic Mechanism of Chronic Diseases

Message from the Guest Editors

Recently, many clinical studies have been performed to develop new therapeutic strategies for the treatment of metabolic disorders, including obesity, insulin resistance, diabetes, metabolic syndrome. Metabolic alterations related to incorrect dietary habits including fat overnutrition have become common, threatening public health, markedly enhancing the onset and the progression of metabolic diseases and associated immunological and inflammatory complications.

However, many researchers have mainly focused on functional studies which attempt to discover metabolic mechanisms of these chronic pathologies. This Special Issue welcomes papers on research characterized by in vitro and in vivo approaches aimed at identifying specific molecular mechanisms in controlling metabolic diseases caused by lipid overload or high-fat diets in addition to counteracting the associated disorders involving the induction of inflammatory process and immune response.

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