

Special Issue

Molecular Mechanisms of Anti-inflammatory Phytochemicals 2.0

Message from the Guest Editor

Inflammation is a normal biological process characterized by the activation of immune and non-immune cells to provide defense against infection and promote tissue repair. However, it is becoming increasingly clear that inflammation also plays a crucial role in the development and progression of many chronic diseases. Phytochemicals are non-nutritive plant-derived compounds that represent a large library of bioactive molecules. Due to their diverse structures and cellular targets, phytochemicals provide broad therapeutic opportunities. Recent studies have discovered the potential of phytochemicals to block key steps in the pathogenesis of inflammatory diseases. This Special Issue, "Molecular Mechanisms of Anti-Inflammatory Phytochemicals 2.0" will include in vitro, in vivo, and clinical studies on the anti-inflammatory effects and molecular mechanisms of phytochemicals, including therapeutic applications in chronic diseases, modes of action, target identification, structure-activity relationships, and identification and quantification of phytochemicals from new sources. Original research articles or reviews in this field are welcome.

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