

Special Issue

Phytochemicals-Based Formulations for Anti-Inflammatory Disorders

Message from the Guest Editor

Inflammation is a complex biological process that occurs in response to injury, infection, or other stimuli. It is essential for the body to protect itself and initiate repair. However, in certain conditions, the inflammatory process may reach such intensity or duration that it becomes undesirable for the patient. Phytochemicals offer a promising avenue for the development of novel anti-inflammatory formulations. Natural compounds often have fewer adverse effects compared to synthetic drugs, making them more suitable for long-term use. These kinds of compounds can interact with biological targets in unique ways, potentially offering new therapeutic approaches. This Special Issue aims to highlight the most novel breakthroughs in the treatment of inflammatory conditions by phytochemicals. Research areas may include (but are not limited to) the following: natural or hemi-synthetic compounds, plant extracts and/or fractions, anti-inflammatory properties, conventional pharmaceutical forms, liposomes, nanocapsules, and/or drug targeting, applied to *in vitro*, *in vivo*, or *in silico* anti-inflammatory therapies. I look forward to receiving your contributions.

Guest Editor

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