

Special Issue

Targeting Inflammation and Inflammatory-Related Diseases with Natural Bioactives

Message from the Guest Editor

Inflammation is a complex biological response to injury as a result of different stimuli, such as pathogens, damaged cells, or irritants. At present, commercially approved anti-inflammatory drugs are represented by nonsteroidal anti-inflammatory drugs (NSAIDs), glucocorticoids (SAIDs), and in some cases, immunosuppressant and/or biological drugs. These agents are effective for the relief of the main inflammatory symptoms. However, they induce severe side effects, and most of them are inadequate for chronic use. Starting from these premises, the demand for new effective and safe anti-inflammatory drugs has furthered research into new therapeutic approaches. We hope that this Special Issue will stimulate the interest of the scientific community involved in studying the effects of natural and synthetic compounds in different fields of interest such as acute and chronic inflammation, inflammatory pain, inflammation-related diseases (e.g., autoimmune diseases), and others.

- inflammation
- inflammatory-based diseases
- immunity
- natural compounds
- nutraceuticals

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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