Special Issue

Natural Product Leads Targeting Inflammatory Pathways

Message from the Guest Editor

There is no drug that can cure chronic inflammatory diseases, and the existing drugs have several drawbacks, including high cost, poor efficacy, and undesirable side effects. It is against this background that this Special Issue was designed, in order to underpin the pivotal role of natural products as potential leads for drug discovery in these fields. On this note, numerous natural products have shown pharmacological efficacy against inflammation in vitro, in vivo, and under clinical conditions. Inflammatory targets of unique disease-specific receptors, enzymes, ion channels, etc., or multiple mechanisms (including general antioxidants and anti-inflammatory mechanisms) may explain the therapeutic potential of natural products. Thus, insights into therapies using natural products in the form of original research articles or reviews addressing inflammatory target(s) and/or inflammatory disease model(s) are welcome.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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