Special Issue

Triterpenoids and Derivatives with Anticancer Activity

Message from the Guest Editor

In nature, triterpenoids are often found as tetra- or pentacyclic structures, but acyclic, mono-, bi-, tri- and hexacyclic triterpenes also exist. Tetracyclic triterpenoids, including the dammarane, cucurbitane, cycloartane, lanostane, and protostane groups. comprise triterpenoids that are widely distributed in various medicinal plants, some of them with potent anticancer activity. Pentacyclic triterpenoids can be divided into several representative classes, namely, ursanes, oleananes, and lupanes, which all include interesting bioactive compounds with immunomodulatory, anti-inflammatory, and anticancer activities. This Special Issue aims to provide the opportunity to share new findings and recent advances on triterpenoids and their derivatives toward the development of new anticancer drugs.

Guest Editor

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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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