Special Issue

Antitumoral Properties of Natural Products

Message from the Guest Editor

Cancer is a major public health concern, being one of the main causes of morbidity and mortality worldwide. Carcinogenesis is a complex multistage process in which normal cells trough an alteration of DNA structure/function are transformed into malignant cells acquiring several properties, such as abnormal proliferation and reduced apoptosis. Studies have demonstrated both *in vitro* and *in vivo* that many bioactive compounds, from different natural sources, are able to influence a number of pathways related to tumor development. Many different cancer-specific molecular mechanisms and targets have been identified making it possible to use such compounds as alternative therapeutic or adjuvant treatments, or as chemopreventive agents. This Special Issue aims to identify the most recently-discovered new natural bioactive products with anticancer properties and will review their molecular mechanisms of action.

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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