



Antitumoral Properties of Natural Products

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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 through 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.





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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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