

Special Issue

Design, Synthesis and Biological Activity of Novel Antitumor Drugs

Message from the Guest Editors

Anticancer therapy represents an open challenge in the research field, mainly due to off-target toxicity and the development of chemoresistance phenomena. The recent advances in molecular biology have opened the way for the recognition of novel molecular targets that previously have not been explored and analyzed for cancer treatment. In this context, a design that is supported by molecular modeling methodologies, synthesis, and pharmacological characterization of small molecules active against these new targets plays a key role in the medicinal chemistry field, representing a focal point for the future development of more effective treatments.

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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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