

Special Issue

Anticancer Research: Towards an Understanding of Cancer and Discovery of New Therapeutic Agents

Message from the Guest Editors

Cancer is one of the main causes of death worldwide. Over recent decades, advances in chemotherapy, targeted therapy, and immunotherapy have improved the prognosis of cancer patients significantly. The problem with treating cancer is that there are more than 200 different cancers resulting from different cellular defects and they often respond to therapeutic agents differently. The development of multidrug resistance and brain metastasis in cancer patients further complicates treatment. In this Special Issue, we welcome reviews and original research on various aspects of cancer, including the identification of novel natural/synthetic compounds with anticancer activity; the design of targeted therapeutic agents; the development of reversal agents for resistant cancer cells; and the design of agents/probes that elucidate mechanisms of action.

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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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