

Special Issue

Hallmarks and Biological Targets to Investigate Natural and Synthetic Compounds as Anticancer Drugs

Message from the Guest Editors

This Special Issue is devoted to drug discovery efforts focusing on new compounds able to counteract or modulate enzymes, protein, efflux pumps and pathways related to the hallmarks of cancer. Old compounds repurposed for this aim or chemical entities used as probes to open up new scenarios in this field will be of interest for the scientific community. Research and review articles dealing with this topic and providing experiments *in vitro* and/or *in vivo* will be considered. *In silico* approaches must be confirmed using experimental data. The biological activity of complex natural extracts without a proper chemical characterization or the evaluation of the most representative active compounds will not be considered.

Guest Editors

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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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