

Special Issue

Bioactive Molecules as Multidrug Resistance Modulators

Message from the Guest Editors

Cancer therapy remains a major challenge, particularly in cancers exhibiting multidrug resistance (MDR). Cancers with an MDR phenotype exhibit cross-resistance to a wide range of anticancer drugs, which limits the treatment of many cancer patients. This Special Issue of *Molecules* aims to present a collection of original research articles and review articles on bioactive novel compounds or small molecules (chemically synthesized or of natural origin), or repurposed drugs, that act on multidrug resistance mechanisms. Papers on molecules that improve drug response to cancer therapy or novel mechanisms of drug resistance to antitumor drugs will be also considered.

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About the Journal

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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