



Natural Product Chemistry in Drug Discovery

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Message from the Guest Editor

Natural products in herbal remedies, medicinal plants, functional foods, and their constituents have been extensively studied in recent years. They are chemical compounds that usually have numerous biological activities. Since natural products have fewer side effects than synthetic drugs, they are an interesting and sustainable alternative for preventing and treating various diseases, including cancer, infectious disease, cardiovascular diseases, carbohydrate- and cholesterol-mediated diseases, and inflammatory, neurological, and immunological diseases. In fact, drugs currently in use are directly or indirectly derived from natural products, including flavonoids, alkaloids, terpenoids, and others. Thus, natural products constitute an important source for the development of potential new drugs. The purpose of this Special Issue of *Molecules* is to collect original research articles and reviews on molecular mechanisms of therapeutic effects of natural products in a wide range of human diseases.





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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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