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Exploration of Natural Compounds: Pharmaceutical, Phytochemical and Biological Analysis

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Chemical substances from nature represent a great source of biologically valuable molecules and they are attracting increasing attention, especially with the incidence of new diseases. This Special Issue also considers results dealing with new pharmacological potential with the mechanisms of action of known natural substances, as well as those addressing the rational design and preparation of semisynthetic derivatives and the synthesis of natural-product-based hybrids with promising therapeutic potential. We would also like to receive results on dereplication studies and the quantification of main components (LCMS data, LCMS- and NMR-based metabolomic data) in new herbal formulations with a particular therapeutic application (antimicrobial, anticancer, anti-inflammatory, enzymatic effects, antihyperglycemic, antiprotozoal, etc.) as well as critical reviews on recent and attractive topics in natural products chemistry (new purification techniques, therapeutic potential, fermentation methods, etc.).

Prof. Dr. Louis Pergaud Sandjo

Guest Editor



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Special Issue



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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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