

Special Issue

Exploration of Natural Compounds: Pharmaceutical, Phytochemical and Biological Analysis

Message from the Guest Editor

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.).

Guest Editor

Dr. Louis Pergaud Sandjo
Department of Chemistry, Federal University of Santa Catarina,
Florianópolis 88040-900, Brazil

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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