

Special Issue

Bioactivity of Natural Compounds: From Plants to Humans

Message from the Guest Editor

Bioactive natural compounds are secondary metabolites isolated from plants and marine organisms that can influence the human body and can also act as beneficial agents against disease. The use of isolated active compounds versus crude extracts allows one to define the precise dosage of the principle useful to induce efficacy. Studies on isolated compounds can support the use of natural products in traditional medicine and can drive the discovery of new active compounds that can be further developed as drugs. In this Special Issue, we welcome research articles and reviews on the identification of new active compounds of natural origin, as well as compounds already known for which new mechanisms of action or new activities are highlighted. Studies on natural compounds, both in vitro and in vivo, are of interest. In addition, clinical studies of natural compounds that focus on the effectiveness and adverse reactions in human subjects will be carefully examined.

Guest Editor

Dr. Guglielmina Foldi

Department of Pharmaceutical and Pharmacological Sciences,
University of Padova, Padua, Italy

Deadline for manuscript submissions

31 August 2025



Molecules

an Open Access Journal
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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/170281

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

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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.

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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