



Natural Products Chemistry: Advances in Synthetic, Analytical and Bioactivity Studies, Volume II

Guest Editor:

Dr. Giovanni Ribaudò

Department of Molecular and
Translational Medicine,
University of Brescia, Viale
Europa 11, 25123 Brescia, Italy

Deadline for manuscript
submissions:

31 May 2024

Message from the Guest Editor

Dear Colleagues,

Modern chemical sciences, and medicinal chemistry in particular, are strongly related to the world of natural products. Compounds of a natural origin are chemically diverse and characterized by a variety of scaffolds and functional groups, and chirality represents an additional feature. The study of natural compounds is intriguing in light of their several potential applications, but can also be challenging from the point of view of their extraction and analytical characterization.

This Special Issue aims to collect original contributions describing the extraction, structural elucidation, synthesis and biological evaluation of natural, semisynthetic derivatives and Nature-inspired molecules. Moreover, articles that analyze the content of natural compounds in complex matrices and their bioactivity, as well as review articles focusing on the chemistry of natural products, will be considered. Research articles describing significant results in terms of innovative synthetic and extractive techniques and advanced analysis, as well as drug discovery-oriented contributions, are particularly welcome.

Dr. Giovanni Ribaudò

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/Molecules_MDPI)