



an Open Access Journal by MDPI

Bioactive Molecules in Medicinal Chemistry

Guest Editors:

Prof. Dr. Paola Barraja

Dipartimento di Scienze e
Tecnologie Biologiche Chimiche
e Farmaceutiche (STEBICEF),
Università degli Studi di Palermo,
Via Archirafi 32, 90123 Palermo,
Italy

**Prof. Dr. Alessandra
Montalbano**

Università degli Studi di Palermo,
Palermo, Italy

Prof. Dr. Virginia Spanò

Università degli Studi di Palermo,
Palermo, Italy

Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

Despite the numerous and continuous achievements over the years, the treatment of several diseases still represents a challenge in drug discovery. In particular, new drugs are needed to control the disease burden due to the development of widespread resistance to therapies. Thus, the identification of bioactive molecules, both synthetic or naturally occurring, represents an attractive and valuable tool for the development of potential new therapeutic agents.

This Special Issue will accept original research papers and high-quality reviews in the field of bioactive molecules focusing on:

the design, synthesis, and identification of new chemical entities;

the application of heterocyclic compounds endowed with biological activity;

the isolation and identification of bioactive molecules from natural sources;

the evaluation of molecular mechanisms and biological targets.

Prof. Dr. Paola Barraja

Prof. Dr. Alessandra Montalbano

Prof. Dr. Virginia Spanò

Guest Editors



mdpi.com/si/29685

Special Issue



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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)