Special Issue

Antimicrobial Properties of Natural Products

Message from the Guest Editor

Antibacterial resistance is such that there is a real risk of reaching a therapeutic dead end in which there are no longer effective molecules for treating infectious diseases. Furthermore, this situation is global, since we also find antimicrobial resistance in fungi or viruses. Bearing in mind that the therapeutic arsenal that we have at our disposal to fight against fungal and viral infections (excluding HIV and HCV) is very limited, it is therefore urgent to look for new antimicrobial molecules. Concomitantly, and for several years now, the search for natural compounds with antimicrobial activities has been a growing field of research.

This Special Issue may include original research articles and reviews on the antimicrobial properties of extracts, fractions, purified compounds, synergistic mixtures against bacteria, viruses, or fungi encountered in human infectious diseases, to identify promising natural compounds that could allow us to respond to the urgency of finding new antimicrobials.

Guest Editor

Prof. Dr. Raphaël E. Duval
Dean of Faculty of Pharmacy, Université de Lorraine, CNRS, L2CM, F-54000 Nancy, France

Deadline for manuscript submissions

closed (31 December 2019)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/21775

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

mdpi.com/journal/molecules

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/journal/molecules

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

MDPI