

Special Issue

Antibacterial, Antifungal, and Antiviral Bioactive Compounds from Natural Products, 2nd Edition

Message from the Guest Editor

Due to the increasing prevalence of life-threatening bacterial, fungal and viral infections, and the ability of these human pathogens to develop resistance to current drugs, there is an urgent need to find new compounds in order to combat them. Natural products are an excellent source for novel antimicrobial drug development. This Special Issue, entitled "Antibacterial and Antiviral Bioactive Compounds from Natural Products, 2nd Edition", is a new edition of "Antibacterial and Antiviral Bioactive Compounds from Natural Products". It aims to report the latest and most promising natural compounds employed to combat bacteria, fungi and viruses, and the underlying modes of action implicated. It is hoped that this Special Issue will serve as a timely reference for researchers who are interested in the discovery of potentially useful natural products for the development of novel antimicrobial drugs.

Guest Editor

Dr. Xun Song
College of Pharmacy, Shenzhen Technology University, Shenzhen, China

Deadline for manuscript submissions

closed (28 February 2025)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/184355

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

[mdpi.com/journal/
molecules](https://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](https://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 29th 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 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).