

Special Issue

Natural Substances and Their Derivatives: In Search of New Structures, Activities and Applications

Message from the Guest Editors

Natural substances and their derivatives are currently the subjects of great interest in the pharmaceutical, health food, and cosmetics industries. The living organisms and the products of their processing are still an insufficiently known reservoir of natural compounds, most of which are biocompatible with the targets of man body cells. These compounds are attractive scaffolds for drug development. This Special Issue aims to search for new structures, activities, and applications, that can supply us with valuable biologically active products: (1) identification and biological evaluation of novel substances isolated from different natural sources (plants, fungi, bacteria, animals, insects); (2) the presentation of the novel pharmacological activity or molecular targets of known natural substances; (3) use the natural compounds as a synthetic scaffold for the development of new agents with more potent activity and their possible application in medicine. We welcome authors who can contribute original research in the identification of the chemical structure of substances and a clear description of their biological/pharmacological effects.

Guest Editors

Dr. Olga Luzina

N. N. Vorozhtsov Novosibirsk Institute of Organic Chemistry, Siberian Branch of the Russian Academy of Sciences, 630090 Novosibirsk, Russia

Dr. Irina V. Sorokina

N. N. Vorozhtsov Novosibirsk Institute of Organic Chemistry, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia

Deadline for manuscript submissions

closed (31 October 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/135418

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 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

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).