

Special Issue

Phytochemistry, Human Health and Molecular Mechanisms

Message from the Guest Editors

Dear Colleague, The Section of *Molecules* entitled “Phytochemistry, Human Health and Molecular Mechanisms” aims to publish high-quality scientific contributions that provide novel insights into the impact of plant components, also known as phytochemicals, on human health. We welcome submissions with novel data on phytochemical bioaccessibility, bioavailability, absorption, metabolism, and bioactivity. Additionally, we are interested in stimulating debate on (facilitating conversations about) their effects on microbiota, their mechanisms of action, their improved formulation, and their safety of use as a food ingredient or additive. We will give special consideration to studies on the role of phytochemicals in key physiological functions and in the pathogenesis of human diseases. In addition, epidemiological studies that seek to identify the relationship between dietary intake of phytochemicals and the risk of disease also fall within the scope of this Section. Both original research articles and comprehensive reviews are eligible for inclusion.

Guest Editors

Prof. Dr. Valeria Naponelli

Department of Medicine and Surgery, University of Parma, 43125 Parma, Italy

Prof. Dr. Elena Ferrari

Department of Medicine and Surgery, University of Parma, 43125 Parma, Italy

Deadline for manuscript submissions

closed (30 September 2025)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/186756

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 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).