

Special Issue

Functional Foods: Bioactive Compounds, Antioxidants and Anti-Inflammatory Activities, 2nd Edition

Message from the Guest Editors

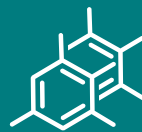
Since oxidative stress and inflammation are linked to numerous chronic diseases, developing functional foods as a potential strategy for combating these processes has attracted considerable attention and research interest. Researchers explore foods and other sources of bioactive compounds, search for confirmation of their health-promoting benefits through in vitro and experimental studies, and unravel mechanisms by which foods and their constituents can modulate oxidative stress and inflammation. In addition, many research efforts focus on improving existing biotechnological and processing techniques to produce functional foods with bioaccessible and bioavailable bioactive compounds. To promote further innovation in the functional food industry, linking the consumption of functional foods should be based on strong scientific evidence of their effectiveness and safety, and a better understanding of factors affecting consumers' acceptance of functional foods. This Special Issue aims to collect original research papers and review articles focused on the abovementioned aspects of functional foods for modulating inflammation and oxidative stress.

Guest Editors

Dr. Mirjana B. Pešić
Prof. Dr. Bojana Vidović
Dr. Danijel D. Milinčić

Deadline for manuscript submissions

30 June 2026



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/255448

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).