

Special Issue

Research on Bioactive Compounds in Milk

Message from the Guest Editors

Milk contains a wide variety of nutrients, including vitamins, minerals, lipids, proteins, and carbohydrates. The capacity of milk to offer a natural and diverse source of bioactive compounds that may address various human health issues is what makes milk therapy significant. Current research indicates a promising path toward improving human health and well-being, but additional research is required to fully understand the extent of milk therapeutics. Multidisciplinary approaches connected with innovative techniques provide a comprehensive view of bioactive chemicals in milk, such as sensory, biochemical physicochemical, bioavailability, efficacy, and safety analysis. Articles in this Special Issue will cover topics such as how milk affects immunological function, the possible mechanisms of action of chemicals, and recent developments in using milk components for therapeutic interventions. We invite researchers to submit their latest studies, promoting a better understanding of the therapeutic landscape that milk provides.

Guest Editors

Prof. Dr. Sercan Karav
Dr. Juliana Maria Leite Nobrega De Moura Bell
Prof. Dr. Yonca Karagül-Yüceer

Deadline for manuscript submissions

closed (31 May 2025)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/195241

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).