Special Issue

Recent Advances in Food Carbohydrates

Message from the Guest Editors

The Special Issues of Molecules is an established international journal of research into macromolecular carbohydrates, bioactive polysaccharides, dietary fibers, glycoproteins, proteoglycans, lignins, and so on. It presents the latest findings of food carbohydrates functional characteristics and their improvement mechanism. These findings must be new and novel rather than a repeat of earlier or analogous published work. The scope includes the green and efficient extractions, chemical and biological modifications, functional properties, molecular associations, structure and function relationship, and mechanism of polysaccharide protein interaction. Papers on related model systems, structural conformational studies, theoretical developments, and new analytical techniques are also welcome.

Guest Editors

Prof. Dr. Hongzhi Liu

Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences/Key Laboratory of Agro-Products Processing, Ministry of Agriculture, Beijing 100193, China

Dr. Aimin Shi

Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences, Yuanmingyuan West Road, Beijing 100193, China

Deadline for manuscript submissions

closed (20 November 2022)



Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



mdpi.com/si/108152

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

mdpi.com/journal/molecules





Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



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).

