

## Special Issue

# Analysis of Bioactive Compounds in Food II

### Message from the Guest Editor

Due to the success of the first edition of the Special Issue “Analysis of Bioactive Compounds in Food”, we have launched a second edition.

The methods of bioactive compound analysis are time-consuming and conducted with extraction, purification, separation, and identification. Most methods described in literature use chromatographic techniques to detect these phytochemicals and mass spectrometry to determine their chemical structures. Because of their significant differences, it is not easy to find a unique method for their simultaneous analysis.

In this Special Issue, we invite researchers to contribute original research and review articles that analyze and describe new bioactive compounds in raw material and food products, the mechanisms of their digestion, stability during food production and storage, and formation of derivatives and metabolites. Special interest is devoted to their effects for the prevention and treatment of civilization diseases.

---

### Guest Editor

Prof. Dr. Magdalena Rudzińska

Faculty of Food Science and Nutrition, University of Life Sciences, 60-637 Poznań, Poland

---

### Deadline for manuscript submissions

closed (15 April 2024)



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/147611](https://mdpi.com/si/147611)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto: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 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).