

## Special Issue

# Analyses and Applications of Phenolic Compounds in Food—2nd Edition

### Message from the Guest Editors

The editorial board of *Molecules* (IF: 4.927, ISSN 1420-3049) invites you to submit an article or review to a Special Issue entitled "Analyses and Applications of Phenolic Compounds in Food—2nd Edition". The distribution and content of phenolic compounds in plant-based food products depend on multiple parameters, such as geographical areas, variety, and manufacturing practices. Thus, the contents of phenolics can be exploited as a source of analytical data to establish product classification and solve authenticity issues. Several analytical techniques have been developed for the extraction and analysis of phenolic compounds. The focus of this Special Issue is to collect and discuss conventional and innovative analytical techniques for food phenolics investigations, their possible applications as food preservatives or functional ingredients for the development of functional food and active food packaging, as well as food classification and authentication studies.

### Guest Editors

Prof. Dr. Monica Rosa Loizzo

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria, 87036 Rende, CS, Italy

Dr. Ana Teresa Sanches-Silva

Pharmacy Faculty, University of Coimbra, Coimbra, Portugal

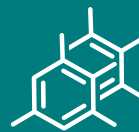
Prof. Dr. Oscar Núñez

1. Department of Chemical Engineering and Analytical Chemistry, Faculty of Chemistry, University of Barcelona, Martí i Franquès 1-11, E-08028 Barcelona, Spain

2. Research Institute in Food Nutrition and Food Safety, Universitat de Barcelona, Av. Prat de la Riba 171, Edifici Recerca (Gaudi), E-08921 Santa Coloma de Gramenet, Spain

### Deadline for manuscript submissions

closed (31 July 2025)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/193168](https://mdpi.com/si/193168)

*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 experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all 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).