

# Special Issue

## Phytochemicals and Cancer

### Message from the Guest Editor

Cancer is a deadly disease. Not only can it take the life of the patient, but it can also destroy the lives of family and friends who try to be caregivers for the patient. Phytochemicals are chemicals of plant origin. They generally help plants resist competitors, pathogens, or predators. Evidence suggests that some of them show anticancer effects in terms of proliferation, survival, invasion, and metastasis of cancer. We also know that phytochemicals are very important resources for anticancer drug development.

Therefore, this Special Issue is dedicated to original research articles, short communications, and reviews which cover the latest findings on the role of phytochemicals in the prevention and treatment of cancer.

The scope of the special issue

1. role of phytochemicals in carcinogenesis
2. role of phytochemicals in chemoprevention
3. role of phytochemicals in cancer treatment as anticancer agents
4. role of phytochemicals in cancer treatment as an enhancer of certain chemotherapeutic agents
5. characterized bioactive components from a natural plant extract showing anticancer effects

---

### Guest Editor

Dr. Won Sup Lee

Department of Internal Medicine, Institute of Health Sciences,  
Gyeongsang National University Hospital, Gyeongsang National  
University School of Medicine, Jinju 660-702, Republic of Korea

---

### Deadline for manuscript submissions

closed (30 June 2024)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/104843](https://mdpi.com/si/104843)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)



## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

---

### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore  
- Q1 (Organic Chemistry)