

Special Issue

Anticancer Agent: Challenges and Prospects

Message from the Guest Editor

For the past six decades, various approaches for targeting antitumor agents selectively to cancer in vivo have been extensively investigated. For instance, actively targeted drugs and drug delivery systems focus on specific receptors, kinases or other growth factors of tumor cells at a molecular level and these systems are receiving more attention than ever. However, recent clinical results showed that the therapeutic outcomes of such strategies are not as successful as had been expected. Because molecular genomics in cancer cells now reveals numerous molecular mutations even in a single patient tumor. The current report said cancer chemotherapies including recent immunotherapy for solid tumors produced outcome failure rates of 90% (± 5) according to governmental agencies and industry. Under these situations, it is a rational direction to look for more universal characteristics of tumors enabling more effective tumor drug targeting. I strongly believe this special issue, "Anticancer Agent: Challenges and Prospects" will play a critical role in the development of successful anticancer therapy. I highly appreciate your cheerful contribution to this special issue.

Guest Editor

Dr. Waliul Islam

1. Department of Microbiology, Graduate School of Medical Sciences, Kumamoto University, Kumamoto 860-8556, Japan
2. Faculty of Advanced Science and Technology, Kumamoto University, Kumamoto 860-8555, Japan
3. BioDynamics Research Foundation, Kumamoto 862-0954, Japan

Deadline for manuscript submissions

closed (15 April 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/158307

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)* 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, and molecular biophysics. *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. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

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