

Special Issue

Advances in the Comprehension of the Molecular Basis of Cancer and New Therapeutic Strategies

Message from the Guest Editor

In these two decades, a great contribution to the comprehension of cancer has been provided by the myriads of elucidated pathological molecular pathways. Many of them were and will be the basis for the design of novel drugs and the stimulation of further investigations. However, to date, the expected therapeutic advances have not always been made. In fact, while many of the novel drugs have entered into clinical practice, the benefit in terms of improved OS, when it occurs, has been marginal in most but a minority of patients with the common types of advanced cancer. To overcome this deadlock, in addition to focusing on single or few molecular pathways, it is urgent to look at the entire complexity of the system in its advanced stage. In addition to some interesting contributions on cancer diagnostic methods, this Special Issue will provide a space for new therapeutic strategies based on a robust rationale from basic research, capable of examining the entire complexity of the system.

Guest Editor

Prof. Dr. Andrea Nicolini

Department of Internal Medicine, Santa Chiara Hospital, University of Pisa, Via Roma 67, 56126 Pisa, Italy

Deadline for manuscript submissions

closed (31 October 2019)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/19507

*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)