

Special Issue

Molecular Mechanisms of Ovarian Cancer Development and Metastasis 2.0

Message from the Guest Editor

Ovarian cancers are subdivided into five principal histotypes: high-grade serous, low-grade serous, endometrioid, clear cell, and mucinous carcinoma. Recent studies have identified that each histotype of ovarian cancer shows different molecular mechanisms of carcinogenesis. The Special Issue will focus on how genomics, epigenomics, and proteomics are altered in cancer progression. We invite you to contribute original articles that describe the carcinogenesis, tumor microenvironment, in vitro/vivo models, and targeted therapies that utilize clinical samples, cancer stem cells, next-generation sequencing and exosomes in as many models and contexts as possible. Along with the invention of new chemo drugs, patients' tolerability should be taken into consideration, particularly when it comes to older patients. It has been recognized that nutritional care and rehabilitation can be an effective supportive therapy for cancer patients. Review articles describing recent topics, including precision oncology using panel sequencing, tumor heterogeneity, cancer metabolism, immunotherapy, and attractive supportive therapy in ovarian cancer, are also welcome.

Guest Editor

Prof. Dr. Kentaro Nakayama
Department of Obstetrics and Gynecology, School of Medicine,
Shimane University, Shimane 693-8501, Japan

Deadline for manuscript submissions

closed (31 December 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/44085

*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)