

Special Issue

Hormones-Dependent Cancers: New Aspects on Biochemistry and Molecular Pathology 4.0

Message from the Guest Editor

It is well-known that breast and prostate cancers are related to female and male hormones, respectively. Recently, it has been established that male steroid hormones, such as androgen, play an important role in female breast cancer progression. For approximately a dozen years, the possibility of anti-estrogen therapy for both female and male non-small lung carcinoma patients has been a significant area of research. In addition, the peptide hormones released by psychological stress directly stimulate growth signals in solid cancers, such as ovarian and endometrial cancers.

This Special Issue of the International Journal of Molecular Sciences entitled “Hormone-Dependent Cancers: New Aspects of Biochemistry and Molecular Pathology 4.0”, will focus on recent advances in hormone and cancer research, such as the molecular action of hormone receptors, biochemical analysis of steroid or peptide hormones, growth or invasive signals of hormone-related cancers, and mechanisms of resistance of endocrine therapy. Contributions on these or related topics are welcome, including original research and full- and mini-reviews.

Guest Editor

Dr. Yasuhiro Miki

Department of Anatomic Pathology, Tohoku University Graduate School of Medicine 2-1 Seiryō-cho, Aoba-ku, Sendai 981-8575, Miyagi, Japan

Deadline for manuscript submissions

closed (31 January 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/94732

*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)