

# Special Issue

## Endometriosis and Endometriosis-Associated Cancer: Molecular Pathologies, Diagnosis and Therapeutic Strategies

### Message from the Guest Editors

The pathogenesis of endometriosis is not completely understood, but a lot of evidence suggests that it is a multifactorial disease involving genetic, environmental, and immunological factors. Recent studies suggest the involvement of molecular mechanisms, including aberrant gene expression, the dysregulation of cell proliferation and apoptosis, altered immune response, and aberrant angiogenesis; however, the diagnostic and therapeutic implications of these possible mechanisms are not yet clear. Previous studies have demonstrated an association between endometriosis and various types of cancers. Although endometriosis is not malignant, it shares similar features with cancer. Due to the non-specific symptoms, shared markers, and imaging resemblance of both conditions, it is difficult to diagnose endometriosis-associated cancers. The Special Issue “Endometriosis and Endometriosis-Associated Cancer: Molecular Pathologies, Diagnosis and Therapeutic Strategies”, aims to provide a platform for the latest research and review articles covering molecular and biological studies of the factors associated with endometriosis in general and with endometriosis-associated cancers.

---

### Guest Editors

Dr. Uri Dior

Endometriosis Center, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

Dr. Tamar Perri

Gynecology-Oncology Department, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

---

### Deadline for manuscript submissions

closed (30 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/170406](http://mdpi.com/si/170406)

*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](http://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](http://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  
"José 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, CAPlus / SciFinder, and other  
databases.

#### Journal Rank:

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

