

## Special Issue

# Molecular Research on Reproductive Toxicology

### Message from the Guest Editor

Drug contamination of superficial waters represents an emerging problem of great concern. For many decades, pharmaceutical products have been discarded in the sewage as waste or metabolites, with no concern for the effects these might have exerted on wild flora and fauna.

This Special Issue intends to collect the most recent evidence about the interferences that broader-use pharmacological products are causing on the reproduction of aquatic organisms. Of particular interest are psychotropic drugs, the use of which is closely related to our stressful life and has significantly increased due to the COVID pandemic.

This Special Issue will accept articles dealing with interferences on reproductive behavior, gametogenesis, fertilization, and development with a particular emphasis on the underlying molecular mechanisms.

Studies on invertebrate and low vertebrate species, usually neglected, are particularly welcome. Updated reviews on the effects on mammalian reproduction, including humans, are also welcome.

This Special Issue is supervised by and assisted by Dr. Chiara Fogliano (University Federico II).

---

### Guest Editor

Dr. Chiara Maria Motta

Department of Biology, University Federico II, Via Cintia 21, 80126 Napoli, Italy

---

### Deadline for manuscript submissions

closed (20 January 2025)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/173927](https://mdpi.com/si/173927)

*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](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)