

## Special Issue

# The Role of Endocrine Disruptors in Immune Diseases

### Message from the Guest Editor

The Role of Endocrine Disruptors in Immune Disease  
Endocrine disrupting chemicals (EDCs), exogenous compounds interfering with hormonal systems, are increasingly linked to immune dysregulation. While traditionally studied for reproductive/developmental toxicity, emerging evidence highlights their immunomodulatory effects. EDCs may alter cytokine production, disrupt immune cell differentiation, or induce chronic inflammation, contributing to autoimmune disorders, hypersensitivity, and immunosuppression. This Special Issue explores EDCs' impact on immune-related diseases through mechanistic and epidemiological studies. We welcome research on pathways such as nuclear receptor interactions, oxidative stress, and epigenetic modifications. Submissions utilizing *in vitro/in vivo* models, human biomonitoring, or systems biology approaches are encouraged. The issue aims to advance understanding of endocrine-immune crosstalk and inform regulatory strategies for EDC risk mitigation.

### Guest Editor

Prof. Dr. Eui-Bae Jeung

Laboratory of Veterinary Biochemistry and Molecular Biology, College of Veterinary Medicine, Chungbuk National University, Cheongju 361-763, Republic of Korea

### Deadline for manuscript submissions

closed (20 April 2026)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/239595](https://mdpi.com/si/239595)

*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)