

## Special Issue

# Metal Transporters in Health and Disease

### Message from the Guest Editors

This Special Issue focuses on the recent developments of metal transporters from the perspectives of physiology, toxicology, and pharmacology, with the aim of understanding their biological relevance in human health and diseases, addressing the future directions and questions underlying their unique phenomenon, in particular their potential use as drug targets for human diseases. We believe this Special Issue will provide appropriate information about the implications and mechanisms of metal dynamics for health and disease, and thus should appeal to a wide range of readers. The 33rd Meeting of Japan Society for Biomedical Research on Trace Elements 2022

(BRTE2022, <https://brte2022.jimdosite.com>) will be held at Awaji-shima, Japan on the 8–10 September 2022. All attendees presenting a paper at this conference are welcome to submit a manuscript for publication. For further information, please contact the Editorial Office ([jie.zhang@mdpi.com](mailto:jie.zhang@mdpi.com)).

---

### Guest Editors

Prof. Dr. Toshiyuki Fukada  
Prof. Dr. Mitchell D. Knutson  
Prof. Dr. Moon-Suhn Ryu

---

### Deadline for manuscript submissions

closed (30 June 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/125408](https://mdpi.com/si/125408)

*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)