



## Metalloids: Integrated Biosciences for Elements

Guest Editors:

**Prof. Dr. Yasumitsu Ogra**

Laboratory of Toxicology and  
Environmental Health, Graduate  
School of Pharmaceutical  
Sciences, Chiba University, Chuo,  
Chiba 260-8675, Japan

**Prof. Takafumi Hirata**

Geochemical Research Center,  
the University of Tokyo, Bunkyo,  
Tokyo 113-8654, Japan

### Message from the Guest Editors

Dear Colleague,

This Special Issue “Metalloids: Integrated Biosciences for Elements” is the successive issue of the preceding “Metalloids: Recent Advances in Analytical and Biological Sciences of Semimetals/Metalloids.” This new Special Issue will cover the fundamental to applied biosciences for elements, including organometallic chemistry, analytical chemistry, biochemistry, molecular biology, environmental sciences, nutrition and toxicology.

### Keywords

Deadline for manuscript  
submissions:

**closed (31 December 2019)**

- biometals
- speciation
- imaging
- isotopes
- nanomaterials
- mass spectrometry
- laser ablation
- nutrition
- toxicology
- environmental sciences





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Maurizio Battino**

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

## 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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI