

## Special Issue

# Molecular Research on McArdle Disease

### Message from the Guest Editor

The purpose of this Special Issue of *IJMS* is to explore this paradigm from a basic research point of view, to better understand the molecular mechanisms of the disease in order to improve the lives of McArdle disease patients. Therefore, this Special Issue provides an excellent opportunity to cover studies and reports on cell cultures, animal models, revealing new knowledge about the underlying pathophysiology/pathogenesis, or new aspects that could affect positively the progressive development of efficient molecules to fight this rare disease effectively. Keywords

- Glycogen
- Glycogen phosphorylase
- Small GTPases
- Cell signaling
- Skeletal muscle
- Immune system
- Brain
- McArdle disease

---

### Guest Editor

Dr. Jose Luis Zugaza

Achucarro Basque Center for Neuroscience, Barrio de Sarriena, s/n,  
48940 Leioa, Spain

---

### Deadline for manuscript submissions

closed (30 October 2019)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/24861](https://mdpi.com/si/24861)

*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*, 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.

---

### 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

---

### 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)