

## Special Issue

# Studies of Motor Molecules

### Message from the Guest Editor

The advent of discussing motor molecules has made this special issue possible; not only WHAT they do but HOW they do it, whether it is forming specific groups of motor neurons or axon pathfinding. We will get down to the nitty-gritty, so to say, and figure out how these motor molecules influence other signaling molecules in the cell or the cytoskeleton. Using many animal models, we have assembled this special issue that focuses on the use of motor molecules. Perhaps most importantly, we will also focus on diseases of motor neurons and their axons. Overall, we expect this special issue on motor molecules to develop your critical insights into this important problem: how molecules are used to form groupings of motor neurons and how molecules influence axons of motor neurons as they are guided to their target regions!

---

### Guest Editor

Prof. Dr. Catherine Krull

Biologic and Materials Sciences, University of Michigan, 5211 Dental,  
1011 N. University Ave., Ann Arbor, MI 48109, USA

---

### Deadline for manuscript submissions

closed (15 September 2011)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/1232](http://mdpi.com/si/1232)

*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](http://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)