

## Special Issue

# Animal Gut Microbial Metagenome

### Message from the Guest Editor

Collaborating with *IJMS*, I would like to set up a Special Issue focus on the animal gut microbiome. Alongside the continuous progress of biotechnology, and molecular genetics, scientists in the field have rapidly conducted high-quality studies. The gut microbiota is now recognized as a major contributor in animal dietary nutrients digestion, health and productivity. In this project, we will explore the relationship of gut microbiome and animal nutrition and health. In addition, we would like to research this question through the method of metagenome specifically. In this Special Issue, original research, reviews, and short communications addressing the molecular mechanisms involved in the relationship between gut microbial and animal health will be warmly welcomed.

---

### Guest Editor

Dr. Shengguo Zhao

Institute of Animal Sciences, Chinese Academy of Agricultural Sciences, Beijing 100081, China

---

### Deadline for manuscript submissions

closed (20 August 2025)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/180693](https://mdpi.com/si/180693)

*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)