

## Special Issue

# Probiotics and Inflammatory Diseases

### Message from the Guest Editors

With the advent of the post-antibiotic era, the role of probiotics in disease prevention and control has attracted more and more attention from clinical and scientific researchers. Probiotics have anti-inflammatory, antioxidant, anti-cancer, fat degradation, regulation of flora homeostasis and cellular and humoral immunity, and regulation of host organ immune function by bacteria directly or through the migration of metabolites to distal organs outside the intestine. Inflammatory diseases are important factors affecting animal and human health, and the application of probiotics in the prevention and treatment of inflammatory diseases will play an important role in promoting agricultural production and human social progress. This Special Issue, entitled “Probiotics and Inflammatory Diseases”, intends to present the correlation and mechanism between probiotics and inflammatory diseases and to identify new probiotics. Therefore, we cordially invite authors to contribute original research articles and reviews.

### Guest Editors

Prof. Dr. Yunhe Fu

Department of Clinical Veterinary Medicine, College of Veterinary Medicine, Jilin University, Changchun 130062, China

Dr. Xiaoyu Hu

Department of Clinical Veterinary Medicine, College of Veterinary Medicine, Jilin University, Changchun 130062, China

### Deadline for manuscript submissions

closed (25 April 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/145256](https://mdpi.com/si/145256)

*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)