

Special Issue

New Insights into Lactoferrin: 2nd Edition

Message from the Guest Editors

This Special Issue is a continuation of our previous Special Issue, entitled “New Insights into Lactoferrin” (https://www.mdpi.com/journal/ijms/special_issues/603A0C5W43). Lactoferrin (Lf), a positively charged glycoprotein known for its iron-binding capacity, is produced by the exocrine glands and neutrophils. Due to its role in innate immunity, Lf exerts antibacterial, antiviral, antiparasitic, antifungal, antioxidant, anti-inflammatory, immunomodulatory and anticancer effects. This Special Issue is supervised by and , with assistance from our Topical Advisory Panel Member, Dr. Giusi Ianiro. It aims to provide a thorough overview of the biochemical, molecular and physiological aspects of Lf biology and its application in both healthy and those with pathologies. The scope of this Special Issue includes the structural and functional properties of Lf, its role in the prevention and treatment of disease, as well as the development of new biotechnologies that aim to enhance the production, bioavailability and functionality of Lf. We welcome the submission of original research articles and reviews.

Guest Editors

Dr. Antimo Cutone

Department of Biosciences and Territory, University of Molise, 86090 Pesche, Italy

Prof. Dr. Giovanni Musci

Department of Biosciences and Territory, University of Molise, 86090 Pesche, Italy

Deadline for manuscript submissions

30 November 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/si/235115](https://www.mdpi.com/si/235115)

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://www.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)