

## 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](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 September 2025



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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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.

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### 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

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