

Special Issue

Molecular Mechanisms of Esophageal Inflammation, Injury, and Repair

Message from the Guest Editor

Esophageal disorders continue to exert a significant burden globally. While endoscopic, surgical, and increasingly, medical therapies are available, there continue to be gaps in treatment, driven in part by ongoing lack of understanding of disease pathogenesis. In this issue we will present emerging research on mechanisms related to gastroesophageal reflux disease (GERD), eosinophilic esophagitis (EoE), achalasia, and esophageal malignancy.

GERD is a multifactorial disorder and its complications of severe esophagitis, refractory peptic strictures, and Barrett's esophagus (BE) are of ongoing concern. In this special issue, mechanisms mediating pathogenesis and optimizing response to therapy will be presented. Interestingly, role of host microbiota in the human esophagus and changes in setting of esophageal cancer as well in GERD and EoE are under investigation. Research investigating dysbiosis and the potential role in the pathogenesis of these disorders will be presented.

Guest Editor

Dr. Anisa Shaker

Keck School of Medicine of USC, Los Angeles, CA, USA

Deadline for manuscript submissions

20 December 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/227552

*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://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)