

Special Issue

Eosinophilic Esophagitis: Molecular Mechanisms, Diagnosis, and Therapeutic Strategies

Message from the Guest Editors

Eosinophilic esophagitis (EoE) is a relatively newly recognized chronic immune-mediated disease of the esophagus characterized clinically by symptoms related to esophageal dysfunction and histologically by eosinophil-predominant inflammation. It significantly affects patients' quality of life and, if left untreated, results in fibrotic complications. Although important advances have been made in the understanding of the underlying pathophysiology and new treatment strategies are constantly being discovered, numerous areas of interest still remain open to research. There is an urgent need for a deeper understanding of the link between genetics, atopy, and extrinsic factors in EoE, while patients await new non-invasive diagnostic and follow-up procedures to ease their burden and new treatments or treatment modalities to ameliorate esophageal delivery. The aim of this Special Issue is to collect and give light to laboratory research, real-world data and cutting-edge up-to-date reviews focused on EoE physiopathology, diagnostics and therapeutic strategies.

Guest Editors

Dr. Francesca Racca

Personalized Medicine, Asthma and Allergy Clinic, IRCCS Humanitas Research Hospital, Via Manzoni 56, 20089 Rozzano, Milan, Italy

Dr. Gaia Pellegatta

Department of Gastroenterology and Hepatology, IRCCS Humanitas Research Hospital, Via Manzoni 56, 20089 Rozzano, Milan, Italy

Deadline for manuscript submissions

closed (20 February 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/171380

*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)