

## Special Issue

# Regulation and Treatment of Esophageal Mucosa Disorders: Novel Factors, Mechanisms, and Pharmaceutical Targets

### Message from the Guest Editors

Esophageal epithelium-related pathologies, among others including gastroesophageal reflux disease (GERD)-associated diseases such as Barrett's esophagus (BE) or esophageal adenocarcinoma (EAC), are key clinical problems. For instance, GERD symptoms are assumed to affect 10–20% of the population, while BE is a premalignant condition progressing to EAC with a very high mortality rate. Thus, several translational experimental models have been developed to reflect the clinical course of Barrett's metaplasia progression. However, the pathogenesis of esophageal epithelium pathologies involves a complex molecular mechanism which is still to be fully defined.

This Special Issue is open to original and review articles targeting molecular aspects of esophageal epithelium disease development and progression. Clinical submissions but with biomolecular experiments are welcomed. We also encourage you to submit the manuscripts covering possible pharmacological targets for upper gastrointestinal tract pathologies' treatment and prevention.

### Guest Editors

Dr. Marcin Magierowski

Department of Physiology, Faculty of Medicine, Jagiellonian University Medical College, 16 Grzegorzeczka Street, 31-531 Cracow, Poland

Dr. Rhonda F. Souza

Center for Esophageal Diseases, Baylor University Medical Center and Center for Esophageal Research, Baylor Scott & White Research Institute, Dallas, TX 75246, USA

### Deadline for manuscript submissions

closed (31 May 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/99694](https://mdpi.com/si/99694)

*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)