

## Special Issue

# Molecular Mechanisms and Therapies of Chronic Obstructive Pulmonary Disease

### Message from the Guest Editor

Chronic obstructive pulmonary disease (COPD) is the third leading cause of death worldwide, representing a serious concern for the healthcare system and significant socioeconomic burden. The pathogenesis of COPD is complex, characterized by persistent inflammation of the lungs caused by noxious particles or gases such as cigarette smoke and air pollutants. Despite tremendous efforts in the development of research on this topic, the mechanisms of the etiopathogenesis of COPD are not completely understood, which precludes the existence of curative pharmacological treatment. Recently, novel molecular mechanisms of the pathogenesis of COPD have been recognized, which opens up possibilities for the development of targeted therapies. This Special Issue invites authors to submit original research articles and review articles that summarize current advances in research, diagnostic, prevention, and therapy of COPD.

---

### Guest Editor

Dr. Marija Stankovic

Laboratory for Molecular Biology, Institute of Molecular Genetics and Genetic Engineering, University of Belgrade, 11042 Belgrade, Serbia

---

### Deadline for manuscript submissions

closed (20 March 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/182499](https://mdpi.com/si/182499)

*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)* 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)