

## Special Issue

# Bioactive Medicinal Products in the Prevention and Treatment of Pulmonary Disease

### Message from the Guest Editor

Lung inflammation involves the release of inflammatory mediators, which causes several abnormalities in the lungs. Natural products target the epithelial-mesenchymal transition, oxidative stress, fibroblast activation, inflammatory injury, metabolic regulation, and extracellular matrix accumulation. In addition, several compounds such as epigallocatechin, gallic acid, berberine, berbamine, coptisine, and dicentrine were reported to be involved in the inhibition of viral replication, by inhibiting the viral life cycle in the host and acting against viral-induced respiratory inflammation. This Special Issue, entitled "Bioactive Medicinal Products in the Prevention and Treatment of Pulmonary Disease", will provide reviews and original research about novel advances in the development and application of bioactive compounds, and pharmacological evidence in relation to respiratory diseases.

### Guest Editor

Dr. Aggeliki S. Rapti

2nd Pulmonary Department, Hospital of Chest Diseases of Athens, 11527 Athens, Greece

### Deadline for manuscript submissions

closed (31 August 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/123147](https://mdpi.com/si/123147)

*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)