

Special Issue

Molecular Mechanisms in Chronic Obstructive Pulmonary Disease

Message from the Guest Editor

Chronic obstructive pulmonary disease (COPD) represents a significant global public health concern, resulting in substantial morbidity and mortality. Moreover, specific diseases tend to co-occur in COPD patients due to shared risk factors and biological interactions, compounding the disease's prognosis and societal burden, creating what is referred to as a "syndemic."

The substantial diversity within COPD has posed challenges in developing pharmaceutical treatments capable of effectively slowing the progression of the disease. Precision medicine strategies offer a potential solution by focusing on understanding an individual's risk factors for the disease and tailoring treatment plans based on factors such as disease mechanisms, environmental exposures, and psychological variables. It is of paramount importance to promptly identify COPD patients at high risk of adverse outcomes and to gain a comprehensive understanding, at a mechanistic level, as to why specific individuals present an elevated risk.

Guest Editor

Prof. Dr. Patrizia Russo

1. Department of Human Sciences and Promotion of the Quality of Life, San Raffaele University, Via di Val Cannuta 247, 00166 Rome, Italy
2. Clinical and Molecular Epidemiology, IRCCS San Raffaele Roma, Via di Val Cannuta 247, 00166 Rome, Italy

Deadline for manuscript submissions

closed (31 March 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/189085

*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)* 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)