

Special Issue

Inhalation Toxicology and Biological Response

Message from the Guest Editor

Interest in understanding the potential toxicological effects of indoor air pollution is gaining scientific attention in relation to the significant concentration of fine PM; UFP; and volatile organic compounds generated by specific sources, some of which include, for example, e-cigarettes and vaping cigarettes. Papers submitted to this Special Issue must report high novelty results on the potential biological effects of PM and UFP. The identification of the molecular pathways activated by these particulates on cells that are representative of relevant target tissues is a reference topic. In addition, the application of innovative exposure systems; the use of 3D in vitro models; and the analysis of epigenetic modifications, metabolomics, and proteomics effects are also of interest, with a special emphasis on the modification, which may shed light on the mode of action of the effects fine and ultrafine particle on human health.

Guest Editor

Dr. Maurizio Gualtieri

ENEA Centro Ricerche Bologna; Via Martiri di Monte Sole, 4; 40129 Bologna BO, Italy

Deadline for manuscript submissions

closed (31 January 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/24019

*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)