

Special Issue

Pesticides Exposure and Toxicity

Message from the Guest Editor

With increases in the use of agricultural pesticides to continuously improve the quality and yields of crops, the general public can simultaneously be exposed to multiple pesticides through the inhalation of air and the consumption of food and water. The potential health effects have been of great concern. The assessment of co-exposures to multiple pesticides and corresponding health risks will require the integration of toxicological mechanisms of individual pesticides to establish their mode of action for cumulative assessment. Probabilistic cumulative exposure assessment through multiple media and routes can be performed to characterize the variability of exposures and associated risks for the study population. Sensitivity analysis can be simultaneously conducted to identify the significant parameters associated with exposures and risks. Results from these assessments will present the cumulative exposures to multiple pesticides and potential health risks in the daily life of the general public as well as the measures to reduce the exposures and risks.

Guest Editor

Prof. Dr. Kuenyuh Wu

1. Institute of Food Safety and Health, College of Public Health, National Taiwan University, Taipei 10055, Taiwan
2. Department of Public Health, College of Public Health, National Taiwan University, Taipei 10055, Taiwan
3. Institute of Environmental and Occupational Health Sciences, College of Public Health, National Taiwan University, Taipei 10055, Taiwan

Deadline for manuscript submissions

closed (20 October 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/131844

*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*, 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)