

Special Issue

Association between Ambient Fine Particulate Matter Exposures and Human Health Risk

Message from the Guest Editors

Air pollutants pose a significant risk to human health. Ambient fine particulate matter is among the most hazardous of all air pollutants.

This Special Issue of *Toxics* is devoted to emerging research on the adverse effects of ambient fine particulate matter exposure on health risk. Topics that will be covered include, but are not limited to, diseases of the respiratory system, the circulatory system, and the responses of other systems to particulate matter; an examination of interaction effects between ambient fine particulate matter and other air pollutants or meteorological factors, etc.; an estimation of the causal effects of ambient fine particulate matter and health; an exploration of disease mechanisms using multi-omics analysis such as transcriptomics and metagenomics; and exposure risk assessment in human populations.

We welcome contributions that shed light on these critical areas, providing insights that can inform policy, guide interventions, and ultimately protect public health against air pollution.

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Deadline for manuscript submissions

closed (30 September 2024)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/199818

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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).