

Special Issue

Toxicity and Pulmonary Effects of Particulate Matter Exposure

Message from the Guest Editors

The presence of particulate matter in the atmosphere is a significant environmental and public health issue worldwide. Once particulate matter is released into the air, it can be inhaled and interact with the respiratory system, potentially leading to severe health consequences across various population groups. Therefore, there is an urgent need to deepen our understanding of the effects of particulate matter exposure on pulmonary health so we can better estimate and mitigate its impact. This Special Issue will focus on the latest research concerning the toxicity and pulmonary effects of particulate matter exposure. Topics may include, but are not limited to, the investigation of the sources and characteristics of particulate matter; the toxicological mechanisms through which particulate matter affects lung tissues and respiratory function; epidemiological studies linking particulate matter exposure to respiratory diseases; the clinical implications of particulate matter exposure and its impact on public health. We invite submissions of original research papers, reviews, and short communications that advance our knowledge in these areas.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2025)



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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 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).