

Special Issue

Health Effects and Toxicology Studies of Emerging Contaminants

Message from the Guest Editors

In recent decades, emerging contaminants, such as microplastics, endocrine-disrupting chemicals, and persistent organic pollutants, have been found and quantified in living beings and diverse environmental substances. Hence, the adverse health effects and toxicology of emerging contaminants need to be investigated. The scope of this Special Issue includes the following: (1) address the adverse health effects of emerging contaminants on humans, especially the sensitive population, such as the elderly, pregnant women, fetuses, and children; (2) elucidate the underlying mechanism of emerging contaminant toxicity on the basis of cell models, animal models, and organoids; (3) develop new method to identify and quantify the emerging contaminants; (4) apply omics to characterize the adverse effects and toxicity of emerging contaminants; and (5) find the functional substances to protect humans from adverse health effects of exposure to emerging contaminants.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 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 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).