

Special Issue

Understanding Contaminant Bioaccumulation and Toxicokinetics: A One Health Perspective

Message from the Guest Editors

This SI seeks to find relevant works with the bioaccumulation of (emerging) contaminants in terrestrial and aquatic environments, emphasizing their potential consequences for human health. Studies involving toxicokinetic modeling or similar modeling approaches are especially valued. We encourage works that explore how bioaccumulating contaminants in terrestrial and aquatic organisms could impact or threaten human health. Such research should also promote solutions and mitigation strategies for reducing exposure risk. Realistic contamination scenarios and relevant environmental concentrations are always preferable. Food and feed safety-related studies are also welcome, particularly those supporting regulatory frameworks and livestock management strategies to foster sustainable and safe food and feed supply chains. Additionally, we invite research aligned with circular economy and zero-waste principles, where reducing contaminant exposure through sustainable resource use can promote environmental, animal, and human health under the One Health framework.

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Deadline for manuscript submissions

10 September 2025



Toxics

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Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/232810

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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.

Editor-in-Chief

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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).