

Special Issue

Understanding the Trafficking of Toxic Metal(loid)s within Cells

Message from the Guest Editors

A thorough understanding of how metal(loid)s interact or are stored, as well as how they cause cellular impairments within cells, can foster the development of important tools for better environmental risk assessment. Given the relevance and growing number of studies on these needed topics, we invite you to submit original articles that deal with the behaviour of metal(loid)s, their interaction with cellular components (e.g., organelles, biomolecules, etc.), and the ways they are detoxified, as well as the molecular mechanistic toxicity of metal(loid)s inside living cells. We welcome research studies focused on metal(loid)s of great environmental interest for aquatic and terrestrial environments, as well as human health and elements known as poor data or emerging contaminants. Research carried out using cutting-edge approaches, such omics (e.g., genomics, proteomics, metallomics, etc.) applied to experimental and field studies to provide such innovative and timely toxicological insights are also welcomed in this Issue.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 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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JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

Rapid Publication:

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).