

## Special Issue

# Mapping Heavy Metal Exposure in the Exposome Era: Toxicological and Health Perspectives

### Message from the Guest Editors

This Special Issue aims to consolidate cutting-edge research that advances our understanding of heavy metal exposure and its biological, toxicological, and health consequences. **We invite submissions on topics including, but not limited to, the following:**

- Characterization and biomonitoring of heavy metal exposure across environmental (e.g., air, water, soil, food) and biological (e.g., saliva, blood, urine, tissues) matrices
- Mechanistic studies on the toxicological effects of heavy metals across organ systems (e.g., digestive, respiratory, neurological, renal, cardiovascular, immune, reproductive)
- Epidemiological studies linking heavy metal exposure to acute and chronic health outcomes
- Systems biology, omics, and computational approaches to dissect heavy-metal-related toxicity
- Use of exposome frameworks to evaluate cumulative and combined exposures to metals and other toxicants
- Strategies for exposure reduction, environmental remediation, and health-risk mitigation
- Disparities in exposure burden and health effects among sensitive and high-risk populations

### Guest Editors

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### Deadline for manuscript submissions

31 May 2026



## Toxics

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Impact Factor 4.1  
CiteScore 6.4  
Indexed in PubMed



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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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### Editor-in-Chief

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#### Journal Rank:

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

#### Rapid Publication:

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).