

## Special Issue

# Health Risks and Toxicity of Emerging Contaminants

### Message from the Guest Editors

Emerging contaminants (ECs), including pharmaceuticals, personal care products (PPCPs), endocrine-disrupting chemicals (EDCs), per- and polyfluoroalkyl substances (PFAS), microplastics, and plastic additives, are now ubiquitously detected in the environment and human tissues. Due to their persistence, high biological activity, and resistance to conventional treatment, ECs can trigger oxidative stress, immunotoxicity, and metabolic disorders even at trace concentrations. This Special Issue focuses on the toxicological impacts, detection, health risks, and remediation of ECs. It aims to highlight scientific advances in understanding the bioaccumulation and human health risks of ECs. We welcome original research and reviews on a broad range of topics, including but not limited to the following:

- Cellular and molecular mechanisms and health risk assessment of ECs;
- Advanced analytical and monitoring techniques for EC detection;
- Bioremediation strategies;
- Intergenerational toxicity of ECs;
- Innovative technologies (high-resolution mass spectrometry, multi-omics, machine learning, etc.) for elucidating exposure–effect relationships.

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### Guest Editors

Dr. Lihua Ren

Prof. Dr. Huicai Guo

Prof. Dr. Minjian Chen

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### Deadline for manuscript submissions

27 February 2026



## Toxics

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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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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

#### 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).