

Special Issue

Environmental Arsenic Exposure, Toxicity Mechanism and Its Contribution to Human Diseases

Message from the Guest Editors

Tens of millions people around the globe are exposed to potentially toxic levels of arsenic annually, and arsenic exposure has become an established public health issue. Long-term consumption of arsenic-contaminated water or intake of arsenic-contaminated food may cause multiple organs or tissues damage and a variety of diseases. In recent years, studies into the toxicity mechanism of arsenic have made considerable progress, including against oxidative stress, inflammatory response, etc. However, so far, the toxicity mechanism of arsenic and its contribution to human diseases remain largely unknown. This Special Issue will focus on novel toxic mechanisms, early-warning biomarkers, and treatment for arsenic-induced adverse effects on human health. Research areas may include (but are not limited to) the following:

- Metabolism and toxicity of arsenic;
- Adverse effects and toxicity mechanism of arsenic on organs;
- Early-warning biomarkers for adverse effects of arsenic on health;
- Health risk assessment of environmental arsenic exposure;
- Prevention and treatment of arsenic-induced toxic effect by edible and medicinal resource.

Guest Editors

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Deadline for manuscript submissions

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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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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).