

Special Issue

Assessing Contaminants in Food: Dietary Exposure, Human Health Risks, and Emerging Challenges

Message from the Guest Editor

This Special Issue focuses on the critical intersection of analytical chemistry, food safety, and public health. It aims to explore advanced analytical methods and sample preparation techniques for identifying and quantifying contaminants in diverse matrices, including environmental, food, and human samples. A key emphasis is placed on emerging contaminants, such as microplastics, pharmaceuticals, and endocrine disruptors, and their impacts on human health, particularly within the One Health framework.

Additionally, the issue seeks to address monitoring and biomonitoring strategies, providing a comprehensive view of contaminant pathways and exposure risks. This Special Issue builds on foundational studies in risk assessment and food safety while addressing critical gaps in the understanding of emerging contaminants. It aims to advance discussions by integrating state-of-the-art analytical approaches with environmental and health sciences, promoting a multidisciplinary perspective. Compared to prior research, this issue uniquely prioritizes harmonized strategies for monitoring and mitigating dietary exposure risks.

Guest Editor

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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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