

Special Issue

Analytical Methods and Health Implications of Microplastic Contamination in Food Products

Message from the Guest Editors

Microplastics are ubiquitous. They occur in seafood, table salt, bottled water, and processed foods, and they may be introduced during production, packaging, and cooking. Their isolation and identification require complex pretreatment and sophisticated analytical techniques. This Special Issue will explore how microplastics enter foods, how they can be detected and quantified, and what their ingestion implies for human health. Contributors to this Special Issue will discuss advances in sample preparation, density separation, digestion, filtration, optical microscopy and spectroscopic methods, and quality control. They will also report studies examining the ingestion, accumulation, and biological effects of plastic particles. Reviews, experimental studies, and risk assessments are all welcome. This Special Issue seeks to fill knowledge gaps by collating robust analytical protocols and toxicological data, evaluating health risks, encouraging research on understudied food matrices, and providing a platform for comparing methodologies so that microplastic contamination can be better understood and regulated.

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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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