

Special Issue

Harmful Outcomes of Environmental and Food Pollutants on Human Health

Message from the Guest Editor

The Special Issue, “Harmful Outcomes of Environmental and Food Pollutants on Human Health”, highlights the “Exposome Analysis and Risk Assessment Section” of multiomics, machine learning, and immunotoxicology. It examines pollutants’ molecular and systemic effects on health, focusing on immune responses and signal transduction in microenvironments. **Research**

Areas: Exposomics and Toxicology: Using genomics, proteomics, and metabolomics to uncover biomarkers of pollutant exposure and effects on cellular health.

Toxicology and Immune Impact: Insights into the immune–toxicological profiles of heavy metals, persistent organic pollutants, and nanoparticles. **Gut-Human Crosstalk:** Analysis of pollutants’ effects on human microbiomes and related health risks.

Epigenetic and Intergenerational Effects: Exploring heritable epigenetic changes from pollutants. **Advanced**

Toxicology Techniques: Employing high-resolution mass spectrometry and single-cell sequencing to pinpoint toxicological pathways.

Guest Editor

Dr. Wei Mu

School of Medicine, Shanghai Jiao Tong University, Shanghai 200025, China

Deadline for manuscript submissions

closed (31 May 2025)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/221249

Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)



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

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

Author Benefits

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 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).