

## Special Issue

# Innovative Toxicological Tools for Food and Environmental Safety

### Message from the Guest Editors

New and emerging pollutants present a global challenge with potentially serious threats to food and environmental safety. An assessment of whether food or the environment will experience deleterious effects before or after the risk occurs is urgent. Efficient toxicological tools are needed that can issue early warnings of potential risks posed to food and the environment. This Special Issue focuses on using innovative toxicological tools to explore the toxicological effects of new or potential risks in food and environment-related matrices, such as in metabonomic and lipidomic matrices, and the integration of multi-omics, molecular spectra, mass spectra, electrochemistry, chromatography, nanotechnology, etc. Original research papers, reviews and short communications are all welcome.

---

### Guest Editors

Dr. Yizhong Shen

Dr. Yong Li

Dr. Xin Liu

---

### Deadline for manuscript submissions

closed (24 September 2023)



## Toxics

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/132583](https://mdpi.com/si/132583)

*Toxics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[toxics@mdpi.com](mailto: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 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).