

## Special Issue

# Environmental Chemicals Exposure's Impact on Reproductive and Developmental Health: Comprehensive Evidence for Risk Assessment

### Message from the Guest Editors

The rapid development and widespread application of environmental chemicals have raised significant concerns regarding their potential impacts on human health, particularly those of reproductive toxicity on fertility, fetal development, and long-term population health. Although extensive data from environmental monitoring, epidemiological studies, and toxicology tests are available, these evidence streams are often evaluated separately, which can lead to biased conclusions and uncertainties in risk assessment. Integrating diverse lines of evidence is essential to comprehensively understand chemical hazards, reduce uncertainties, and achieve robust, science-based conclusions. Research areas may include but are not limited to the following areas:

- developing innovative methodologies for integrating multiple kinds of evidence;
- the application of new evidence integration strategies in reproductive and developmental toxicology;
- the utilization of alternative testing methods and computational toxicology tools in hazard characterization and
- the establishment of standardized, science-based frameworks for toxicity evaluation and chemical risk management.

### Guest Editors

Prof. Dr. Yankai Xia

Dr. Jamie L. Inman

Dr. Ruijia Zhang

### Deadline for manuscript submissions

31 December 2025



## Toxics

an Open Access Journal  
by MDPI

Impact Factor 4.1  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/237475](https://mdpi.com/si/237475)

*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, CAPPlus / 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).