

## Special Issue

# Biomarkers of Environmental Toxicants

### Message from the Guest Editors

Biomarkers are commonly used to evaluate exposure and biological effects of environmental toxicants. Characterization and development of sensitive and robust biomarkers have remained active over the last few decades to study the toxicity of environmental toxicants and human disease. There is a clear need to further discover, validate and apply biomarkers in toxicological research, population-based studies, risk assessment and beyond. This Special Issue on “Biomarker of Environmental Toxicants” will aim at highlighting the latest advances in biomarker-related research in a timely manner. Authors are invited to submit original research papers, reviews, and short communications. Keywords

- biomarkers
- environmental toxicants
- metabolomics
- proteomics
- method development
- microbiome
- population
- risk assessment

---

### Guest Editors

Prof. Dr. Kun Lu

Department of Environmental Sciences and Engineering, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599, USA

Prof. Dr. Robert J. Turesky

Masonic Cancer Center and Department of Medicinal Chemistry, University of Minnesota, Minneapolis, MN 55455, USA

---

### Deadline for manuscript submissions

closed (28 February 2019)



## Toxics

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/12118](https://mdpi.com/si/12118)

*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/](https://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).