

## Special Issue

# The Effect of Airborne Contaminants Exposure on Early Health Damage Biomarkers: 2nd Edition

### Message from the Guest Editors

Air pollution is air contamination due to various airborne contaminants that are harmful to human health and are among the leading risk factors for disease burden globally. Exposure to airborne contaminants has been linked to a series of chronic diseases. It has been demonstrated that airborne contaminants could enter the body through the respiratory tract and circulatory system, cause complex internal cellular responses that are followed by biological effects, and lead to adverse health outcomes. However, current studies are mainly based on cross-sectional or panel study design, limiting the convincing causal links between air pollution and biomarkers, and heterogeneity also exists among current evidence. The Special Issue aims to publish studies investigating the early health damage biomarkers and related mechanisms for the effect of airborne contaminants, particularly those from well-designed longitudinal research. Your contribution to the Special Issue is greatly appreciated and will greatly add to the existing literature.

### Guest Editors

Prof. Dr. Shaowei Wu

Prof. Dr. Jun Yang

Prof. Dr. Shengzhi Sun

Dr. Cong Liu

### Deadline for manuscript submissions

25 July 2025



## Toxics

an Open Access Journal  
by MDPI

Impact Factor 4.1  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/210319](https://mdpi.com/si/210319)

*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).