

Special Issue

The Effect of Airborne Contaminants Exposure on Early Health Damage Biomarkers

Message from the Guest Editors

Air pollution is the contamination of air due to the presence of various airborne contaminants that are harmful to human health, and is among the leading risk factors for disease burden globally. 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 finally lead to adverse health outcomes including chronic diseases. The cellular responses and biological effects lie in the early stage of health damage of airborne contaminants and could be reflected by changes in various biomarkers related to inflammation, oxidative stress, endothelial dysfunction, coagulation, autonomic imbalance, metabolic disorder, epigenetic modifications, etc. The Special Issue aims to publish studies investigating the early health damage biomarkers and related mechanisms for the effect of airborne contaminants, which are important for the evaluation and monitoring of health damage related to air pollution in the population. Your contribution to the Special Issue is greatly appreciated and will be a great addition to the existing literature.

Guest Editors

Prof. Dr. Shaowei Wu

Department of Occupational and Environmental Health, School of Public Health, Health Science Center, Xi'an Jiaotong University, Xian 710061, China

Prof. Dr. Jun Yang

School of Public Health, Guangzhou Medical University, Guangzhou 511436, China

Deadline for manuscript submissions

closed (25 April 2024)



Toxics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/156630

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 3.9
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 18.3 days after submission; acceptance to publication is undertaken in 2.3 days (median values for papers published in this journal in the second half of 2024).