

Special Issue

State-of-the-Art Environmental Chemical Exposomics and Metabolomics—2nd Edition

Message from the Guest Editor

The world's environmental problems are becoming increasingly prominent, and their impacts on human health have attracted widespread attention. Since human exposure is mixed and complex, people are increasingly interested in understanding the relationships between environmental exposures and human health from a broader perspective. This has led to the concept of chemical exposome to comprehensively evaluate chemical exposures and their risks. For the high-throughput detection of endogenous chemicals, metabolomics systematically detects endogenous small-molecule substrates, intermediates, and products of cell metabolism, which are considered to be closest to the phenotype and provide important information for understanding physiological and pathological processes, and its application in toxicology has great significance. Integrating environmental chemical exposomics and metabolomics provides important information for the screening out of key chemicals leading to impaired outcomes and their toxic metabolic signatures so that the potentially toxic effects of these chemical exposures and underlying mechanisms can be elucidated.

Guest Editor

Prof. Dr. Minjian Chen

Department of Occupational Medicine and Environmental Health,
School of Public Health, Nanjing Medical University, Nanjing 211166,
China

Deadline for manuscript submissions

25 November 2025



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/209933

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 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).