

Special Issue

Biomonitoring Persistent Organic Pollutants and Contaminants of Emerging Concern and Risk Assessment

Message from the Guest Editor

This Special Issue will focus on advancing the field of biomonitoring for POPs and CECs, along with associated risk assessment methodologies. It will highlight the latest research on biomonitoring strategies for tracking exposure to these pollutants in humans, wildlife, and ecosystems. Key topics include novel biomarkers, innovative sampling and analysis techniques, and advancements in analytical instrumentation used to assess the health impacts of POPs and CECs. In addition, this Special Issue will study the development and application of risk assessment frameworks that account for the long-term, synergistic, and cumulative effects of exposure to these substances. By publishing cutting-edge studies, this Special Issue will provide a deeper understanding of the risks associated with these chemicals and provide insights into policy development, regulatory measures, and the design of effective mitigation strategies. In this Special Issue, original research articles and reviews are welcome. I look forward to receiving your contributions.

Guest Editor

Dr. Besis Athanasios

Environmental Pollution Control Laboratory, Department of Chemistry,
Aristotle University of Thessaloniki, GR-54124 Thessaloniki, Greece

Deadline for manuscript submissions

closed (31 July 2025)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/224109

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).