



toxics



an Open Access Journal by MDPI

Biomonitoring of Human Exposure: From Individual to Group Exposure Assessment

Guest Editor:

Dr. Radu-Corneliu Duca

Unit Environmental Hygiene and
Human Biological Monitoring,
Department of Health Protection,
National Health Laboratory, 1,
Rue Louis Rech, L-3555
Dudelange, Luxembourg

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

We intend to demonstrate that the individual analysis of biomonitoring is a useful tool for personal exposure evaluation, providing information not given by inhalation and dermal exposure assessment. The appropriate utilization of HBM can further highlight personal living and/or working conditions and practices, taking into account individual differences and allowing more individualized measures to prevent exposure by changing individual behavior. Furthermore, HBM can help in identifying unintentional and unexpected exposures. Real-life examples from different occupational and private indoor environments are expected to showcase the benefits of HBM at individual as well as at group levels. Subsequently, the articles in this Special Issue are expected to give advice on the most suitable approaches for choosing the most appropriate biomarker and/or matrix, by showing their respective advantages and limitations.



mdpi.com/si/54117

Special Issue



toxics



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Toxicology*) / CiteScore - Q2 (*Chemical Health and Safety*)

Contact Us

Toxics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxics
toxics@mdpi.com
X@Toxics_MDPI