Special Issue

Analysis of Human Biomonitoring Data and Risk Assessment of Human Exposure to Environmental Chemicals: What Do We Learn for Prevention?

Message from the Guest Editors

Human biomonitoring offers a perspective to better understand the impact of human exposure to environmental chemicals. A diversity of initiatives at the national, European, and global level are bringing progress in this field. Human biomonitoring is a tool that is increasingly used to support policies around chemicals and as a basis for advice on how to better protect against human exposure to hazardous chemicals. It aggregates exposure by different exposure routes and as such offers unique insights into people's body burden and possibilities to learn about exposure routes and sources that contribute to the body burden. By comparing biomonitoring data with health-based guideline values, interpretation in terms of health risks becomes possible. The combination of exposure biomarkers with effect biomarkers connects to the exposome and provides evidence for the causal pathways between external exposure and adverse health outcomes. The articles in this Special Issue are expected to provide recommendations on how to use human biomonitoring data and to gain insights into the need for further reduction in human chemical exposure to prevent adverse health effects.

Guest Editors

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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.

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