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

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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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