Special Issue

Wastewater-Based Epidemiology Biomarkers: Analysis, Occurrence and Fate in Wastewater

Message from the Guest Editors

Wastewater-based epidemiology (WBE) has developed into an innovative approach able to provide epidemiological and socio-economic information about lifestyle habits, substance use, exposure to toxicants present in the environment and food, as well as public health and wellbeing. WBE is based on the chemical analysis of specific human urinary excretion products (biomarkers) in untreated wastewater as indicators of consumption, providing crucial data on the activity of the population served by the specific wastewater treatment plant. It can provide crucial information about public health that can be of interest for policy-making and national and international organizations and committees. In the future, WBE could serve as an "early warning system" to help the authorities to prevent the spread of epidemics and make effective interventions on use of illicit substances.

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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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