



an Open Access Journal by MDPI

Environmental Exposure to Toxic Chemicals and Human Health II

Guest Editors:

Prof. Dr. Virgínia Cruz Fernandes

REQUIMTE/LAQV, Instituto Superior de Engenharia do Porto, Instituto Politécnico do Porto, Rua Dr. António Bernardino de Almeida, 431, 4200-072 Porto, Portugal

Prof. Dr. Diogo Pestana

CINTESIS & NOVA Medical School, Faculdade de Ciências Médicas, Universidade Nova de Lisboa, Campo Mártires da Pátria, 130, 1169-056 Lisboa, Portugal

Deadline for manuscript submissions: closed (30 April 2024)



mdpi.com/si/168658

Message from the Guest Editors

Human health can be influenced by many factors, including exposure to physical, chemical, biological, and radiological contaminants in the environment. Considering this evidence and the increasing exposure to hazardous chemicals, the impact on the functionality of the gut microbiome and their potential biodegradation through digestion and intestinal bacteria merits critical investigation.

Due to the increasing importance of this topic and the success of the first Special Issue, entitled "Environmental Exposure to Toxic Chemicals and Human Health", we are now publishing a second edition, which will comprise research articles, short communications, and reviews on all aspects related to environmental exposure to multiple toxic chemicals and human health. Manuscripts dedicated to toxicology, gut microbiota, microbiome, biomonitoring, exposure and risk assessment, and new analytical approaches in human matrices are welcome.

As such, with this Special Issue, we intend to collect a broad overview of environmental exposure to several toxic chemicals (e.g., heavy metals, persistent organic pollutants, micro(nano)plastics, plastic-related chemicals) and human health.







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, CAPlus / 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