



toxics



an Open Access Journal by MDPI

Toxic Mode of Action, Toxicity Testing, and Health Risks of Environmental Pollutants

Guest Editors:

Prof. Dr. Weiwei Zheng

School of Public Health, Fudan University, Shanghai 200433, China

Prof. Dr. Yuanyuan Ruan

Department of Biochemistry and Molecular Biology, School of Basic Medical Sciences, Fudan University, Shanghai 200032, China

Deadline for manuscript submissions:

30 August 2024

Message from the Guest Editors

Dear Colleagues,

Based on the new concepts and methods of toxicology in the 21st century, this issue aims to conduct research on the metabolic transformation, toxicity pathways, epigenetic regulation, biomarkers and toxicity mechanisms of a low-dose exposure to environmental pollutants at multiple levels, including molecular, cellular, animal and human levels. Moreover, it aims to conduct a systematic safety assessment study on the potential health hazards and mechanisms of action of new environmental pollutants in China, study the biological effects of potential hazardous substances such as new environmental pollutants, and explore the concepts and strategies for toxicological safety assessment and safety risk assessment.

Prof. Dr. Weiwei Zheng
Prof. Dr. Yuanyuan Ruan
Guest Editors



mdpi.com/si/198955

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, Grosspeteranlage 5
4052 Basel, Switzerland

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

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