



toxics



an Open Access Journal by MDPI

Dioxin and Dioxin-Like Compounds and Human Health

Guest Editor:

Dr. Muneko Nishijo

Department of Public Health,
Kanazawa Medical University,
Uchinada 920-0293, Japan

Deadline for manuscript
submissions:

closed (15 November 2022)

Message from the Guest Editor

In epidemiological studies, the associations of dioxin and dioxin-like (dl)-compound exposure with metabolic diseases including diabetes and metabolic syndrome in adults and with neurodevelopmental problems and earlier/later puberty in children have been suggested in the general population and environmentally exposed populations. Recently, the potential health effects of maternal dioxin and dl-compound exposure, such as infection and gut bacteria composition, have also been reported in children, suggesting various aspects of adverse health effects in the population exposed to dioxin and dl-compounds at wider range. Additionally, studies using molecular biomarkers such as RNA and DNA markers are aiming to clarify the health effects at molecular levels in the exposed population at high levels. Therefore, we are pleased to invite you to submit a paper to this Special Issue aiming to provide an overview of recent study results to investigate the effects of dioxin and dl compound exposure on human health from infants to adults in populations exposed to the various levels from background to historical pollution all over the world.



mdpi.com/si/89685

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](#), [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