



Realistic Environmental Mixtures of Endocrine Disrupting Chemicals: From Their Determination to Their Mechanisms of Actions

Guest Editor:

Prof. Dr. Monia Perugini

Teramo University, Faculty of
Bioscience and Agro-Food and
Environmental Technology, Via
Renato Balzarini 1, I-64100
Teramo, Italy

Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editor

This Special Issue is intended to enrich our knowledge on the effects and mechanism of actions for the analysis of mixtures of environmental pollutants. Human populations are environmentally exposed, on daily basis, to large numbers of mixtures of endocrine disrupting chemicals (EDCs). Although the levels of exposure are low, the long-term effects of chemical mixtures on human health are not yet established. EDCs may mimic or interfere with physiological endocrine hormones and metabolic signaling, leading to a variety of tissue specific damage. Moreover, in utero exposures may compromise early developmental processes and predispose the fetus to adverse health risks later in life. This Special Issue invites the submission of research papers and reviews on realistic environmental mixtures of EDCs, with a specific focus on the following topics:

- Biological methods for determination of EDC mixtures from environmental samples;
- Animal and human biomonitoring studies on EDC mixtures;
- In vivo toxicity tests to assess the effects of EDC mixtures;
- Methodologies for health risk assessment of EDC mixtures.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Public Health, Environmental and Occupational Health*)

Contact Us

International Journal of
*Environmental Research and Public
Health* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/ijerph
ijerph@mdpi.com
[X@IJERPH_MDPI](https://twitter.com/IJERPH_MDPI)