

Special Issue

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

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.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

Editor-in-Chief

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