Special Issue

Identification of Toxic Effects of Emerging Chemicals throughout the Reproductive Process

Message from the Guest Editors

Human biomonitoring studies have shown that people are exposed to various emerging chemicals in daily life, including but not limited to manufactured nanomaterials, flame retardants, new pesticides, and water disinfection byproducts. Some emerging chemicals have been reported to have adverse effects on reproductive health. However, the toxic effects of many emerging chemicals and the biological mechanisms behind them remain unclear. This Special Issue focuses on the identification of the toxic effects of emerging chemicals throughout the whole reproductive process, including reproductive system development, gametogenesis, embryonic development, and fetal growth. Research areas may include but are not limited to: exposure assessment of emerging chemicals using human biomonitoring methods, association analysis between emerging chemicals exposure and adverse reproductive outcomes based on human epidemiologic studies, reproductive and developmental toxicity assessment of emerging chemicals using in vitro, ex vivo, or in vivo models. In this Special Issue, high-quality original articles and reviews are welcomed. We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2024)

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About the Journal

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.

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