

Special Issue

Prenatal Exposures and Children's Health

Message from the Guest Editors

Fetal development follows a carefully orchestrated sequence of physiological shifts that promote dynamic growth and the establishment of key regulatory systems, among other critical processes. Many environmental chemicals can cross the placenta to directly disrupt this developmental cascade and alter the programming of physiological systems with enduring consequences. Growing evidence also highlights the importance of considering the combined effect of multiple co-occurring exposures and the potential modifying roles of psychosocial stress and nutritional status. This issue will explore a variety of topics related to prenatal environmental exposures and the developmental origins of health and disease, with a particular emphasis on the following areas: prenatal programming and the potential for adaptation, environmental or endogenous biomarkers of exposure or effect, impacts on the placenta and/or maternal system, environmental mixtures, and the modifying effects of nutrition and the social environment. Original research articles and reviews are welcome.

Guest Editors

Dr. Whitney Cowell

Department of Environmental Medicine and Public Health, Icahn School of Medicine at Mount Sinai, New York, NY, USA

Dr. Caitlin Howe

Department of Epidemiology, Geisel School of Medicine at Dartmouth, Lebanon, NH 03756, USA

Deadline for manuscript submissions

closed (28 February 2022)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/77065

Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

mdpi.com/journal/

[toxics](https://mdpi.com/journal/toxics)





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)



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.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).