

Special Issue

Effects of Food Contaminants on Human Health

Message from the Guest Editor

The production, processing, and preservation of food are associated with the appearance, disappearance, or structural modifications of many toxic substances (phytochemical residues, neoformed compounds, packaging migrants, etc.), to which we are all exposed on a daily basis. In the past couple of years, there has been growing attention paid to the public health consequences of environmental factors to which such substances belong, but too few studies have focused on specific periods of the lifespan during which we may be particularly vulnerable to such substances. This Special Issue aims to present research studies evidencing the influence of these potentially toxic molecules (pesticides residues, heavy metals, Maillard reaction products, packaging migrants, etc.) in human pathophysiology, with a specific focus on the perinatal stage. Studies may include, but are not limited to, the preclinical or clinical assessment of early disruption of settlement and maturation of the crosstalks between the gut, and the immune system leading to altered gut homeostasis due to maternal or progeny exposure to these toxics.

Guest Editor

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).