



Effects of Food Contaminants on Human Health

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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.





toxics



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Message from the Editor-in-Chief

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