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Polycyclic Aromatic Hydrocarbons from “Fork” to the Human Health

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Deadline for manuscript submissions:

closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

Exposure to PAHs through diet is a topic of major concern for human health. Current awareness is focused not only on the compliance of maximum limits determined by food-safety regulations, but also on the impact of co-exposure with other classes of contaminants and the potential modulation of PAHs' adverse effects by other food diet components.

The following topics are especially welcome:

PAHs from “fork”: i) occurrence in different food matrices and compliance with food-safety regulations; ii) analytical methods following regulation criteria; iii) mitigation of PAH contamination and formation; iv) simultaneous analysis of other co-occurring multiclass of contaminants; v) mechanism of formation in food matrices and interaction with other food compounds.

PAHs and health: i) bioaccessibility/bioavailability of different PAHs in different food/meals and interaction with other food compounds; ii) biotransformation and toxicity of PAHs and mixtures with co-occur contaminants; iii) the role of PAHs in chronic diseases; iv) assessment of diet or components of the diet that prevent against the adverse effects of PAHs.



mdpi.com/si/78783

Special Issue



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Message from the Editor-in-Chief

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