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Polycyclic Aromatic Hydrocarbons: Exposure, Toxicokinetics, Biomonitoring and Health Risk

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Message from the Guest Editors

Polycyclic Aromatic Hydrocarbons (PAHs) constitute a family of several hundred ubiquitous congeners present in the environment in the form of a complex mixture. Exposure to PAHs concerns employees exposed in the context of their professional activities and also the general population exposed through air pollution, lifestyle and also dietary habits.

Several PAHs are classified as probable or possible human carcinogens, while benzo[a]pyrene is classified as a definite human carcinogen due to an excess risk of occupational bronchopulmonary, bladder and skin cancers. Understanding the toxicological mechanisms underlying the carcinogenic and metabolic effects of PAH mixtures is an important issue today.

In this Special Issue, we invite you to propose original works providing elements of understanding of the toxicological mechanisms underlying the effects observed following exposure to PAHs by exploring the problem of complex mixtures and potential interactions between molecules. Particular attention will be paid to the search for relevant biomarkers of exposure and their effects and to molecular targets able to modulate the observed effects.



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Special Issue



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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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