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Toxicity Effects of Flame Retardants: From Environmental to Human Exposure

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

Flame retardants (FRs) are applied in a wide range of commercial materials with the purpose of reducing their flammability. One of the main concerns of their use is the action as an endocrine disruptor, once they can interfere with the endocrine system, by an integrative and very complex series of hormonal processes. Moreover, these compounds are highly persistent in the environment and can bioaccumulate in organisms, raising high concerns about the potential adverse impacts on the ecological safety and human health. Furthermore, recent studies have associated human exposure to these compounds with the onset or development of several pathologies, namely, thyroid disorders, neurobehavioral and development disorders, reproductive health, immunological, oncological, and cardiovascular diseases. The aim of this Special Issue is to explore the latest research on FRs, from environmental to human exposure studies.



mdpi.com/si/119740

Special Issue



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Message from the Editor-in-Chief

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