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PFAS Toxicology and Metabolism

Guest Editors:

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Deadline for manuscript submissions:

closed (15 December 2023)

Message from the Guest Editors

Dear Colleagues,

Per- and polyfluoroalkyl substances (PFAS) are seemingly everywhere: in our bodies, homes, clothes, food packaging, drinking water, rivers, soils, and carried across the globe in the atmosphere. Multiple studies have been published on the health effects of the first known PFAS, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), but there are gaps in the data for other legacy and emerging chemicals in this structurally diverse class.

This Special Issue of Toxics aims to expand knowledge of the health effects of per- and polyfluoroalkyl substances. We welcome original research, new methodologies and protocols, and reviews that evaluate the exposure, hazard, metabolism, and fate of legacy and emerging PFAS, PFAS mixtures, and resulting effects to humans and other organisms. Research may include in vivo, in vitro, and in silico studies in areas including, but not limited to, PFAS bioaccumulation, biomonitoring, biotransformation, dosimetry, exposure, toxicokinetics, lipidomics, metabolomics, integrated omics, neurotoxicity, endocrine disruption, developmental and reproductive toxicology, and cancer.













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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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