Special Issue

Molecular Basis of Air-Pollution-Induced Disease Risk

Message from the Guest Editors

Air pollution is a nondiscriminatory toxicant capable of traveling from exhausts, stacks, and forest fires to communities both near and far from the original source. Acute impacts of air pollution are well documented, but increasingly, air pollution exposure has been associated with chronic disease risk. While the causal drivers of air pollution's influence on diseases remain to be fully elucidated, mechanistic evidence points to a number of key players, including inflammation, oxidative stress, and epigenetics.

This Special Issue invites papers focusing on plausible molecular mechanisms, whereby air pollutants influence disease risk and progression. In vivo and in vitro studies will be considered, as well as studies that investigate single-source and mixtures of air pollutants. For the purposes of this Special Issue, we define epigenetic modifications as DNA methylation, posttranslational histone tail modifications, chromatin accessibility, and noncoding RNA.

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About the Journal

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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