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The Influence of Airborne Particulate Matter on Biomarkers and Biological Pathways

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Deadline for manuscript submissions: closed (15 November 2023)

Message from the Guest Editors

Fine particulate matter, PM <2.5 microns, is an established global public health problem on a par with other leading health risks. While causal inference is strong for PM2.5, it is not as well established for UFP and BC. Improving confidence in biological pathways, as well as establishing dose–response relationships, especially those related to inflammation, can strengthen causal inference. <false,>We are pleased to invite you to contribute to this Special Issue, which aims to publish original research, systematic reviews (with or without meta-analysis), narrative reviews, and reports of methods and the need for future research. Research areas may include (but are not limited to) the following:<false,>Epidemiology studies that measure associations between PM and biomarkers such as blood pressure or blood inflammatory markers.

Toxicology studies that measure biological effects in animals, tissues or cells.

Reports of new research or statistical modelling methods that can be used to study the influence of PM on biomarkers and biological pathways.

Description of research needs for better understanding the effects of PM on biomarkers and biological pathways.

Specialsue



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Message from the Editor-in-Chief

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