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The Effect of Airborne Contaminants Exposure on Early Health Damage Biomarkers

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Deadline for manuscript submissions:

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Message from the Guest Editors

Air pollution is the contamination of air due to the presence of various airborne contaminants that are harmful to human health, and is among the leading risk factors for disease burden globally. It has been demonstrated that airborne contaminants could enter the body through the respiratory tract and circulatory system, cause complex internal cellular responses that are followed by biological effects, and finally lead to adverse health outcomes including chronic diseases. The cellular responses and biological effects lie in the early stage of health damage of airborne contaminants and could be reflected by changes in various biomarkers related to inflammation, oxidative stress, endothelial dysfunction, coagulation, autonomic imbalance, metabolic disorder, epigenetic modifications, etc. The Special Issue aims to publish studies investigating the early health damage biomarkers and related mechanisms for the effect of airborne contaminants, which are important for the evaluation and monitoring of health damage related to air pollution in the population. Your contribution to the Special Issue is greatly appreciated and will be a great addition to the existing literature.



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Special Issue



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Message from the Editor-in-Chief

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