Special Issue

Health Effects of Airborne Particles, Gases and Aerosols: Current and Future Perspectives

Message from the Guest Editor

The respiratory system is the primary target organ for airborne particulates, gases, and aerosols from natural and man-made sources. Although we are equipped to deal with many of these agents, there are circumstances when the usual defence mechanisms are overwhelmed, or when lung defence is already compromised, which can lead to both acute and chronic adverse health effects. An important consideration is the ever-changing nature of airborne substances, some of which are increasingly being related to respiratory symptoms, allergy and asthma, COPD, fibrosis, and cancer. In addition, there is mounting evidence that inhaled toxicants can have systemic effects on the cardiovascular system, cognition, growth, and other processes. The aim of this Special Issue is to highlight current and anticipated future issues relating to the human health effects of exposure to airborne toxicants. Of particular interest is whether what we have already learnt will impact on managing assessment of hazard and risk of exposure to new types of airborne substances and anticipated health effects of future exposures. Original research papers, reviews and short communications are welcome.

Guest Editor

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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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