

Special Issue

Long-Term PM_{2.5} Exposure and Cardiometabolic Health Effects

Message from the Guest Editors

Cardiovascular outcomes have been causally linked to long-term particulate matter air pollution exposures for some time. What is less well defined are the mechanisms by which particulate matter exposure biologically leads to these well-defined, detrimental health outcomes. Perturbations in cardiometabolic health, characterized by insulin resistance, impaired glucose tolerance, elevated blood pressure, adiposity, and lipid disorders, represent a constellation of pathophysiologic processes which may be causal mediators of the established link between long-term PM exposures and Cardiovascular outcomes. This special issue will focus on emerging data linking long-term exposure to PM subfractions and these indicators of cardiometabolic dysfunction, with the goal of helping to establish a clearer picture of the pathophysiologic mechanisms leading to cardiovascular outcomes.

Guest Editors

Dr. Trenton Honda

School of Clinical and Rehabilitation Sciences, Northeastern University, Boston, MA 02115, USA

Dr. Mona Elbarbary

School of Public Health, Faculty of Medicine and Health, The University of Sydney, Sydney, NSW, Australia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

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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.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

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