

Special Issue

Environmental Drivers of Chronic Disease: From Population Landscapes to Molecular Mechanisms

Message from the Guest Editors

This Special Issue is dedicated to exploring the epidemiology of chronic diseases including diabetes, cardiovascular diseases, respiratory disorders and metabolic dysfunction-associated steatotic liver disease (MASLD) and their connections with a range of environmental factors. Among these, indoor and outdoor air pollution, meteorological conditions and light pollution are of particular interest. We also examine how these relationships are modified by socioeconomic status and unhealthy lifestyle behaviors, such as active and passive smoking, as well as the role of gene-environment interactions in disease development. In addition to epidemiological investigations, this issue welcomes studies that delve into potential biological mechanisms underlying environment-related health impairments. Research focusing on oxidative stress, gut microbiota dysbiosis, and other pathways through which air pollutants exert adverse effects will be highly valued. By integrating both population-based and mechanistic evidence, we aim to build a multidimensional understanding of how environmental exposures contribute to chronic disease burden.

Guest Editors

Dr. Jian Hou
Prof. Dr. Weidong Wu
Dr. Yanjun Guo

Deadline for manuscript submissions

22 November 2026



Toxics

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Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/258623

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

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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.

Editor-in-Chief

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

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