



Maternal and Child Environmental Health and Disease

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Message from the Guest Editors

Exposure to environmental stressors can result in perturbations of sensitive biological processes, contributing to a higher burden of disease. Of particular concern are exposures occurring during periods of high vulnerability, such as pregnancy, which can shape the disease trajectories of both the mother and the child. Pollution, including chemical exposure, is the largest environmental cause of disease and premature death and is estimated to have contributed to 9 million deaths globally in 2015.

In this issue, we welcome contributions highlighting recent findings from original studies and systematic reviews and meta-analyses of the link between environmental chemical exposures and health outcomes in pregnant women and children. Special emphasis will be given to novel findings about the interplay of environmental chemicals with social, nutritional, and/or genetic factors, as well as studies integrating innovative omics technologies for the elucidation of mechanisms underlying environmental disease pathogenesis. Contributions from studies conducted in low- and middle-income countries are highly encouraged.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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