



The Exposome and Child Neurodevelopment

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Deadline for manuscript
submissions:

closed (22 March 2023)

Message from the Guest Editors

This Special Issue will profile research applying an exposome approach to investigate the etiology of child neurodevelopment. We encourage submissions from around the globe, with special interest in large-scale epidemiological studies examining environmental factors of multiple dimensions (and their interactions) and neurodevelopment of children (<18 years), including any brain, cognitive, emotional, and behavioral outcomes.

Potential topics include, but are not limited to:

Emerging chemicals of concern with potential health hazards

Assessments of multiple exposome domains: physical-chemical, social, lifestyle

Novel assays of (external and internal) exposome markers

Advanced statistical methods to address multiple exposures, such as using Exposome Risk Scores (ERS)

Interactions between exposures or effect modification of exposure-neurodevelopment associations by factors such as social economic status

Combining biomarkers and functional measures of neurodevelopment

Repeated measurements to unravel mechanisms of action (e.g., cumulative effect vs. critical window)





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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. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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