# Gene-Environment Interactions and Disease

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**closed (30 July 2017)**

## Message from the Guest Editors

Dear Colleagues,

Nearly all human diseases are influenced by complex interactions between inherent genetic susceptibility and exposure to environmental agents. Integrative approaches combining genetic and environmental exposure data will help identify people that are particularly susceptible to disease as a result of environmental insult.

This Special Issue focuses on cutting-edge research papers investigating the interplay between genetic/genomic variation and a broad range of environmental exposures (physical, chemical, infectious, nutritional, and behavioural) on development of human disease, innovative statistical techniques for investigating gene-environment interactions, and the incorporation of genomic and other types of high-dimensional "-omics" data (transcriptomics, epigenomics, metabolomics) into studies of environmental effects on disease.

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*Guest Editors*

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Special Issue

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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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