



Environmental Pollution and Oxidative Status

Guest Editor:

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Message from the Guest Editor

Epidemiological studies have estimated that several human diseases are due to chronic exposure to pollution in air/water/food, but mechanisms underlying this correlation are complex and often poorly characterized. Experimental evidence has indicated that an important mechanism of pollution-induced health effects involves an inflammation-related cascade and an oxidative status imbalance. Oxidation damage has been implicated in many degenerative and nondegenerative diseases, including cardiovascular, kidney and pulmonary diseases, diabetes, and Alzheimer's disease.

This Special Issue aims to cover the most recent research findings on oxidative status alteration and pollution exposure to elucidate the role of traditional and emerging contaminants as the cause and perpetuating factor of oxidative status. Clinical, preclinical, and translational studies are welcome, as well as pertinent reviews with a critical synthesis of relevant published data. The issue also encourages submissions of investigations of oxidative stress as a therapeutic target in a variety of topics.





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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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