



Molecular Effects of Environmental Pollutants on Health of Human, Animals and Plants

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Message from the Guest Editor

Environmental pollutants are hazardous to organisms' health and ecosystems. Massive global contamination by pesticides, heavy metals, pharmaceuticals, microplastics, and biotoxins in the atmosphere, water, and soil is produced primarily by industrial, wastewater, and domestic effluents. Some of these pollutants have become ubiquitous and can interfere with fundamental physiological processes in Human, Animals, and Plants, producing health impairment of these organisms. Few laboratory studies have demonstrated a causal relationship between environmental pollutants and health alterations in animal, plant, and human, reproductive health included. We cordially invite authors to contribute to this Special Issue with original research articles and reviews on how different types of environmental pollutants induce adverse effects on the Health of Human, Animals, and Plants. Molecular mechanisms of pollutants action for sperm nuclear basic proteins and nucleic acids and epigenetic modifications are also within the scope of this Special Issue.





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