



Novel Biomarkers to Assess the Health Effects of Occupational and Environmental Exposure

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Message from the Guest Editors

Dear Colleagues,

Nowadays, the number of toxic substances on the market is increasing day by day. This fact has resulted in the whole population being chronically exposed to these chemicals, becoming one of the main social problems concerns within the scientific community due to their possible impact on public health.

The assessment of the health effects due to chronic exposure to chemicals could be performed by identifying several specific biomarkers that may be predictive since they would be altered before the clinical manifestation. The use of novel biomarkers allows us to relate them to biochemical indicators of early toxic effects on target organs, as well as non-specific toxic effects, such as markers of oxidative stress. This relation also allows establishing a direct cause-effect relationship between chronic exposure and specific functional and organic alterations before the onset of disease symptoms.

According to that, all potential contributors are encouraged to submit original research and review papers on novel biomarkers for the assessment of the impact of chronic occupational or environmental exposure to any toxic substance on human health.





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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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