



## Emerging Issues in Metals Toxicology

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### Message from the Guest Editors

Metals (such as aluminum, chromium, copper, zinc), metalloids (such as arsenic), and metal alloys (a combination of metal elements) have been used in a wide range of industrial, commercial, medical, and consumer product applications. Additionally, concerns about exposures to toxic metals from natural geochemical sources such as soils, dust, and contaminated water have been the subject of numerous environmental, geochemical, and medical geology investigations, and many studies have been published describing the acute and/or chronic effects of high-level exposures to these types of agents and potential organ injury (e.g., cancer). Some of these studies have even raised concerns over the association of elevated metal ion levels with neurological and immune system events. Therefore, understanding the biological responses, toxicology, and environmental impact of metal ion exposure is of paramount importance in developing a comprehensive public health agenda.





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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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