

## Special Issue

# Heavy Metal Toxicity: Environmental and Human Health Risk Assessment

### Message from the Guest Editor

Heavy metal toxicity has proven to be a major threat to human health, and there are several health risks associated with it. In fact, although metals occur naturally in the ecosystem, anthropogenic sources (i.e., pollution) contribute to their introduction in the environment. Toxic metals generally interfere with a number of physiological processes, including central nervous system (CNS), hematopoietic, hepatic, and renal functions. This results in the development of numerous human disorders. Metal toxicity depends on several factors, including dose, route of exposure, and chemical species, as well as the age, gender, genetics, and nutritional status of exposed individuals. This Special Issue on “Heavy Metal Toxicity: Environmental and Human Health Risk Assessment” offers to bring together the most recent research on such developments, with a focus on cellular and molecular alterations caused by exposure to heavy metals.

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### Guest Editor

Prof. Dr. Maria Stefania Sinicropi

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### Deadline for manuscript submissions

closed (20 June 2023)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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