



Heavy Metal Toxicity: Environmental and Human Health Risk Assessment

Guest Editor:

Prof. Dr. Maria Stefania Sinicropi

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria, Arcavacata, Italy

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Maria Stefania Sinicropi

Guest Editor





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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