



## Mechanisms of Heavy Metal Toxicity 2.0

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Deadline for manuscript  
submissions:  
**closed (20 May 2024)**

### Message from the Guest Editor

The toxicity of heavy metals has been a popular research topic for a long time. In the past, it was important to elucidate the actual health hazards caused by environmental pollution, accidents, and crimes involving metals, metalloids, and metal compounds, but now the main issues are related to the elucidation of the mechanisms of their toxicity and defense mechanisms against said toxicity.

This SI is under production with the aim of addressing this contemporary issue. In this Special Issue, we welcome the submission of full reviews, original research papers, short communications, and perspectives that cover the following topics:

- Cellular and molecular mechanisms underlying heavy metals, metalloids, and metal(loid)-containing compounds;
- Mechanisms underlying the induction of metallothionein;
- Cellular defense systems against the toxicity of heavy metals, metalloids, and metal(loid)-containing compounds;
- The regulation and mechanisms of the expression of metal transporters such as SLC39A8.
- Research that does not fit into the above topics but may contribute to them is also welcome.

By sharing these studies, we aim to make significant progress in metal toxicology.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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