

## Special Issue

# Heavy Metal Toxicity: Molecular Mechanisms and Potential Therapies

### Message from the Guest Editor

Heavy metals are widely used in many industries and have widespread occupational and environmental exposure concerns. Many heavy metals are human and animal carcinogens and have the potential to cause other diseases in animals and humans. The focus of this Special Issue in the *International Journal of Molecular Sciences* is to present novel areas of research to advance our understanding of how heavy metals cause toxicity or disease and potential therapeutics or interventions for those exposed to heavy metals. We invite investigators working in all fields related to heavy metals to submit original research articles or reviews describing and discussing the recent advancements or developments in the field of heavy metal toxicity, the underlying mechanisms of toxicity, and potential therapies or interventions. Research Areas may include, but are not limited to:

- Mechanisms of disease following heavy metal exposure (in vitro or in vivo);
- Cellular and molecular mechanisms of heavy metal-induced diseases;
- Therapies or treatments to ameliorate or block heavy metal impacts;
- Human exposures to heavy metals and effects on health.

### Guest Editor

Dr. James Wise

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### Deadline for manuscript submissions

closed (20 September 2024)



## International Journal of Molecular Sciences

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## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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