

## Special Issue

# Cadmium and Trace Elements Toxicity

### Message from the Guest Editors

Cadmium is considered a highly toxic pollutant, and has spread globally following the rapid development of industries and modern technologies, as a component of television screens, lasers, batteries, paint pigments, cosmetics, etc. Cd is such a toxic redox-inactive metal, even at low doses, that the Agency for Toxic Substances and Disease Registry (ATSDR) has classified it among the seven most dangerous substances for health. This Special Issue will focus on recent studies on Cadmium and trace elements, and in particular, on elements such as zinc, selenium, and those related to cadmium toxicity. We expect that the topics will include, but will not be limited to, the most recent approaches to the study of Cadmium and trace elements in humans and in pathologies, both in tumors as factors promoting or aggravating the pathology itself, as well as the possible biochemical and biomolecular correlations in the onset of tumors or cardiovascular, renal, and hepatic pathologies. We also expect topics on the impact of cadmium on animal models, on the correlations with the territory linked to the diet, soil and geology of the same.

### Guest Editors

Prof. Dr. Roberto Madeddu  
Prof. Dr. Soisungwan Satarug  
Prof. Dr. Peter Massányi

### Deadline for manuscript submissions

closed (31 March 2025)



## Toxics

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## About the Journal

### Message from the Editor-in-Chief

*Toxics* (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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### Editor-in-Chief

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#### Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).