



toxics



an Open Access Journal by MDPI

Chelation in Metal-Induced Diseases

Guest Editor:

Dr. Swaran J. S. Flora

1. Institute of Pharmacy, Era
Medical University, Lucknow,
India

2. Ex-Director, Department of
Pharmacology and Toxicology,
National Institute of
Pharmaceutical Education and
Research-Raebareli, Transit
Campus, Lucknow, India

Deadline for manuscript
submissions:

closed (15 June 2023)

Message from the Guest Editor

Accumulation of these metals. The reduction of aluminum accumulation and toxicity following chelation may also prove beneficial in end-stage renal disease patients, and perhaps those suffering from neurodegenerative disorders such as Alzheimer's disease (AD). Chelation therapy has been practiced in various forms for more than five decades. The development of organic compounds capable of reducing body toxic burden continues to be an area of general importance. Metal complexes formed with these metal ions and chelating agents in vivo are readily excreted in the urine or feces, leading to the reduction of toxic metal burden.

We welcome manuscripts focused on the effect of chelation in various metal/metalloid-induced diseases. There is still a substantial lack of relevant and reliable data as well as definitive conclusions regarding the clinical advantages of chelation in neurodegenerative conditions. Such papers will be given priority.



mdpi.com/si/130998

Special Issue



toxics



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Toxicology*) / CiteScore - Q2 (*Chemical Health and Safety*)

Contact Us

Toxics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxics
toxics@mdpi.com
X@Toxics_MDPI