

Peer Review

Review of: "Chelation Therapy for Rare Earth Element Toxicity: Current Evidence, Challenges, and Future Directions"

Mirela Miclean¹

1. Laboratory, Romanian Waters National Administration, Bucharest, Romania

The manuscript represents a comprehensive study on REEs toxicity, chelation therapy, legislation regarding REE, as well as their mechanisms of toxicity and organ-specific effects.

The review is very interesting, informative, and useful in the context of REEs' potential toxicity and their ubiquitous presence in modern industrial processes. The structure of the review is unified, coherent, logical, and fluid, and it substantiates each goal and hypothesis presented at the beginning of the manuscript.

The cited references are well summarized and critically interpreted; they are recent and relevant to the topic.

My only comment refers to abbreviations, and I would recommend mentioning the full name when it first appears in the text, for example, GBCA, MRI, ATP, DNA, and LC₅₀, even if they are common abbreviations in the medical field, as this would make them easier to understand for non-specialists.

Declarations

Potential competing interests: No potential competing interests to declare.