



# Correction: Toxicity and Hepatoprotective Effects of ZnO Nanoparticles on Normal and High-Fat Diet-Fed Rat Livers: Mechanism of Action

Fatemeh Mirzaei<sup>1</sup> · Ebrahim Abbasi<sup>2</sup> · Amir Mirzaei<sup>3</sup> · Nashmin Fayazi Hosseini<sup>1</sup> · Nima Naseri<sup>2</sup> · Iraj Khodadadi<sup>2</sup> · Cyrus Jalili<sup>4</sup> · Nesrine Majdoub<sup>5</sup>

© The Author(s), under exclusive licence to Springer Science+Business Media, LLC, part of Springer Nature 2024

## Correction: Biological Trace Element Research

<https://doi.org/10.1007/s12011-024-04108-5>

The published version of this article unfortunately contained mistakes.

The funding statement This study was funded by the Hamadan University of Medical Sciences (No: 9805193015) should be changed to This study was funded by the Hamadan University of Medical Sciences (No: 1401011692) and the Ethics code under the Declaration section IR.UMSHA.REC.1396.832 should be changed to IR.UMSHA.REC.1398.474.

The original article has been corrected.

**Publisher's Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

---

The original article can be found online at <https://doi.org/10.1007/s12011-024-04108-5>.

---

✉ Ebrahim Abbasi  
7abbasi@gmail.com; a.oshaghi@umsha.ac.ir

- <sup>1</sup> Research Center for Molecular Medicine, Hamadan University of Medical Sciences, Hamadan, Iran
- <sup>2</sup> Department of Biochemistry, School of Medicine, Hamadan University of Medical Sciences, Hamadan, Iran
- <sup>3</sup> Centre Énergie, Matériaux Et Télécommunications, Institut National de La Recherche Scientifique, 1650 Boulevard Lionel-Boulet, Varennes, Québec J3X 1P7, Canada
- <sup>4</sup> Medical Biology Research Center, Health Technology Institute, Kermanshah University of Medical Sciences, Kermanshah, Iran
- <sup>5</sup> Faculdade de Ciências E Tecnologia, Universidade Do Algarve, Campus de Gambelas, 8005-139 Faro, MeditBio, Portugal