toxics

MDPI

Retraction

RETRACTED: Di Paola et al. Environmental Risk Assessment of Dexamethasone Sodium Phosphate and Tocilizumab Mixture in Zebrafish Early Life Stage (*Danio rerio*). *Toxics* 2022, *10*, 279

Davide Di Paola [1], Jessica Maria Abbate [2], Carmelo Iaria [1], Marika Cordaro [3], Rosalia Crupi [2], Rosalba Siracusa [1], Ramona D'Amico [1], Roberta Fusco [1], Daniela Impellizzeri [1], Salvatore Cuzzocrea [1,4,*], Nunziacarla Spanò [2,*], Enrico Gugliandolo [2,†] and Alessio Filippo Peritore [1,†]

1 Department of Chemical, Biological, Pharmaceutical, and Environmental Science, University of Messina, 98166 Messina, Italy; dipaolad@unime.it (D.D.P.); ciaria@unime.it (C.I.); rsiracusa@unime.it (R.S.); rdamico@unime.it (R.D.); rfusco@unime.it (R.F.); dimpellizzeri@unime.it (D.I.); aperitore@unime.it (A.F.P.)
2 Department of Veterinary Science, University of Messina, 98166 Messina, Italy; jessica.abbate@unime.it (J.M.A.); rcrupi@unime.it (R.C.); egugliandolo@unime.it (E.G.)
3 Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, 98166 Messina, Italy; cordarom@unime.it
4 Department of Pharmacological and Physiological Science, Saint Louis University School of Medicine, Saint Louis, MO 63104, USA
* Correspondence: salvator@unime.it (S.C.); spano@unime.it (N.S.); Tel.: +39-90-6765208 (N.S.)
† These authors contributed equally to this work.

The journal retracts the article "Environmental risk assessment of mixture of COVID-19 treating pharmaceutical drugs in zebrafish early life stage (*Danio rerio*)" [1], cited above.

Following publication, concerns were brought to the attention of the Editorial Office regarding the duplication of images contained within this publication [1].

Adhering to our complaints procedure, an investigation was conducted by the Editorial Office and the Editorial Board that confirmed the duplication of a number of panels contained within Figures 1 and 3 presenting different experimental conditions. Following discussions with the authors, the Editorial Board were unable accept the explanation provided or verify the validity of the above-mentioned images. Consequently, the Editorial Board has lost confidence in the reliability of the findings and decided to retract this publication [1], as per MDPI's retraction policy (https://www.mdpi.com/ethics#_bookmark30).

This retraction was approved by the Editor-in Chief of the journal *Toxics*.

The authors did not agree to this retraction.

Reference

1. Di Paola, D.; Abbate, J.M.; Iaria, C.; Cordaro, M.; Crupi, R.; Siracusa, R.; D'Amico, R.; Fusco, R.; Impellizzeri, D.; Cuzzocrea, S.; et al. RETRACTED: Environmental Risk Assessment of Dexamethasone Sodium Phosphate and Tocilizumab Mixture in Zebrafish Early Life Stage (*Danio rerio*). *Toxics* **2022**, *10*, 279. [CrossRef] [PubMed]

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.

check for updates

Received: 9 January 2025
Accepted: 9 January 2025
Published: 24 January 2025

Citation: Di Paola, D.; Abbate, J.M.; Iaria, C.; Cordaro, M.; Crupi, R.; Siracusa, R.; D'Amico, R.; Fusco, R.; Impellizzeri, D.; Cuzzocrea, S.; et al. RETRACTED: Di Paola et al. Environmental Risk Assessment of Dexamethasone Sodium Phosphate and Tocilizumab Mixture in Zebrafish Early Life Stage (*Danio rerio*). *Toxics* 2022, *10*, 279. *Toxics* **2025**, *13*, 85. https://doi.org/10.3390/toxics13020085

Copyright: © 2025 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (https://creativecommons.org/licenses/by/4.0/).