



## OPEN ACCESS

## APPROVED BY

Timothy James Kinsella,  
Brown University, United States

## \*CORRESPONDENCE

Frontiers Editorial Office

✉ [research.integrity@frontiersin.org](mailto:research.integrity@frontiersin.org)

RECEIVED 14 April 2023

ACCEPTED 20 April 2023

PUBLISHED 25 May 2023

## CITATION

Frontiers Editorial Office (2023) Retraction: Akt inhibition enhanced the growth inhibition effect of low-dose heavy-ion radiation via the PI3K/Akt/P53 signaling pathway in C6 glioblastoma cells. *Front. Oncol.* 13:1205993. doi: 10.3389/fonc.2023.1205993

## COPYRIGHT

© 2023 Frontiers Editorial Office. This is an open-access article distributed under the terms of the [Creative Commons Attribution License \(CC BY\)](https://creativecommons.org/licenses/by/4.0/). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

# Retraction: Akt inhibition enhanced the growth inhibition effect of low-dose heavy-ion radiation via the PI3K/Akt/P53 signaling pathway in C6 glioblastoma cells

Frontiers Editorial Office\*

## A Retraction of the Original Research Article

[Akt inhibition enhanced the growth inhibition effects of low-dose heavy-ion radiation via the PI3K/Akt/p53 signaling pathway in C6 glioblastoma cells](#)

by Huang K, Zhao W, Wang X, Qiu Y, Liu Z, Chen R, Liu W and Liu B (2021) *Front. Oncol.* 11:649176. doi: 10.3389/fonc.2021.649176

The journal retracts the April 1, 2021 article cited above.

Following publication, concerns were raised regarding the integrity of the images in the published figures. The authors failed to provide the raw data or a satisfactory explanation during the investigation, which was conducted in accordance with Frontiers' policies. Given the concerns about the validity of the data, and the lack of raw data, the editors no longer have confidence in the findings presented in the article.

This retraction was approved by the Chief Editors of Frontiers in Oncology.

The authors did not agree to this retraction.