

RETRACTION

Retraction: Suppression of uPAR retards radiation-induced invasion and migration mediated by integrin β 1/FAK signaling in medulloblastoma

The *PLOS One* Editors

After the publication of this article [1], concerns were raised about the results presented in Figs 2, 4, 6–8, and S3. Specifically,

- The following panels appear similar:
 - Fig 2D (left) N-Cadherin and Fig 2D (right) Integrin β -1
 - Fig 4A DAOY GAPDH and Fig 4A. D.283 GAPDH
 - Fig 4B DAOY GAPDH and Fig 4B. D.283 GAPDH
 - Fig 7A DAOY Integrin β 1 of this article [1] and Fig 5A SF3061 uPA of [2, corrected in 3]
- The following panels appear to partially overlap:
 - Fig 6A DAOY Non IR Con and Fig 6A DAOY Non IR pSV
 - Fig 8A Non-IR pU and Fig 8C Non-IR pSV
 - Fig S3 pFAK(Y397) Non-IR Control, Fig S3 pFAK(Y397) IR Control, and Fig S3 pFAK(Y397) IR pSV.

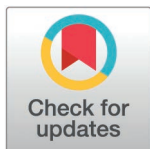
The authors did not respond to the journal's communications.

In light of the above concerns, which call into question the reliability and integrity of the published image data and their associated quantified results, the *PLOS One* Editors retract this article.

All authors either did not respond directly or could not be reached.

References

1. Nalla AK, Asuthkar S, Bhoopathi P, Gujrati M, Dinh DH, Rao JS. Suppression of uPAR retards radiation-induced invasion and migration mediated by integrin β 1/FAK signaling in medulloblastoma. *PLoS One*. 2010;5(9):e13006. <https://doi.org/10.1371/journal.pone.0013006> PMID: 20886051
2. Nalla AK, Gogineni VR, Gupta R, Dinh DH, Rao JS. Suppression of uPA and uPAR blocks radiation-induced MCP-1 mediated recruitment of endothelial cells in meningioma. *Cell Signal*. 2011;23(8):1299–310. <https://doi.org/10.1016/j.cellsig.2011.03.011> PMID: 21426933
3. Nalla AK, Gogineni VR, Gupta R, Dinh DH, Rao JS. Corrigendum to “Suppression of uPA and uPAR blocks radiation-induced MCP-1 mediated recruitment of endothelial cells in meningioma” [*Cell. Signal* 23 (2011) 1299–1310]. *Cell Signal*. 2013;25(8):1730. <https://doi.org/10.1016/j.cellsig.2013.03.006>



OPEN ACCESS

Citation: The *PLOS One* Editors (2025) Retraction: Suppression of uPAR retards radiation-induced invasion and migration mediated by integrin β 1/FAK signaling in medulloblastoma. *PLoS One* 20(7): e0328091. <https://doi.org/10.1371/journal.pone.0328091>

Published: July 15, 2025

Copyright: © 2025 The *PLOS One* Editors. This is an open access article distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.