

Retraction

Retracted: Lentivirus-Mediated siRNA Targeting ER- α Inhibits Tumorigenesis and Induces Apoptosis in Hepatocarcinoma Cells

BioMed Research International

Received 20 October 2020; Accepted 20 October 2020; Published 24 November 2020

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BioMed Research International has retracted the article titled “Lentivirus-Mediated siRNA Targeting ER- α Inhibits Tumorigenesis and Induces Apoptosis in Hepatocarcinoma Cells” [1] due to an error in the gene targeting.

It was raised to our attention [2] that the siRNA sequence said to target ER- α (estrogen receptor alpha), 5′ – GCCTTACAATGTACA GCAGAA – 3′, instead targets the similarly named but unrelated gene ERAL1 (Era Like 12S Mitochondrial RRNA Chaperone 1) [3].

Over 300 words, including the discussion of the use of siRNA, overlap with an article by other authors that was not cited, which also studied lentivirus-mediated RNA inference in hepatocarcinoma cells [4]. The file properties show the manuscript was edited by someone who is not one of the authors. The authors could not be contacted.

References

- [1] P. Jiang, J. Cao, and W.-H. Bai, “Lentivirus-Mediated siRNA Targeting ER- α Inhibits Tumorigenesis and Induces Apoptosis in Hepatocarcinoma Cells,” *BioMed Research International*, vol. 2015, Article ID 490681, 8 pages, 2015.
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- [3] ERAL1 Gene, *GeneCards*<https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERAL1>.
- [4] J. Qin, Y. Xu, X. Li et al., “Effects of lentiviral-mediated Foxp1 and Foxq1 RNAi on the hepatocarcinoma cell,” *Experimental and Molecular Pathology*, vol. 96, no. 1, pp. 1–8, 2014.