



Retraction notice to Activation of hepatic stellate cells during liver carcinogenesis requires fibrinogen/integrin $\alpha\beta 5$ in zebrafish, NEO 20 (2018) 533-542.

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This article has been retracted: please see Elsevier Policy on Article Withdrawal (<https://www.elsevier.com/about/policies/article-withdrawal>).

This article has been retracted at the request of the authors. We earlier published a corrigendum: Yan, C., Yang, Q., & Gong, Z. (2022). Corrigendum to “Activation of hepatic stellate cells during liver carcinogenesis requires fibrinogen/integrin $\alpha\beta 5$ in zebrafish” Neoplasia 20 (5):533–542 (Neoplasia (2018) 20(5) (533–542), (S1476558617306024), (HYPERLINK “<https://doi.org/10.1016/j.neo.2018.02.002>”).

Neoplasia (United States), 33. HYPERLINK “<https://doi.org/10.1016/j.neo.2022.100831>”.

Now the authors have carefully evaluated the validity of the manuscript, specifically the mis-annotation of the gene *itgb3a* to *itgb5* in the title and throughout the manuscript, as well as and the non-replacement of duplicated images. These errors could mislead the readers of the manuscript and the simple corrigendum may not be sufficient to clarify the errors. Thus the authors would like to retract the original manuscript and the corrigendum in order to avoid further confusion.

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