

# Retraction Notice to: miR-135a Inhibits the Invasion and Migration of Esophageal Cancer Stem Cells through the Hedgehog Signaling Pathway by Targeting Smo

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Hong Ge and Qingxia Fan have informed *Molecular Therapy – Nucleic Acids* that experiments performed in their laboratory have failed to reproduce the foundational observations of the article “miR-135a Inhibits the Invasion and Migration of Esophageal Cancer Stem Cells through the Hedgehog Signaling Pathway by Targeting Smo.” In contrast to the data presented in the manuscript, they now find that regulation of the Smo/Hedgehog (Hh) axis produces little change in expression of Hh signaling pathway-related genes (patched, Gli2, Wnt, hip) in esophageal cancer cell lines (kyse-150, TE-1).

Although some of the data shown in the paper may be correct, the core observations and conclusions are not. Ge and Fan have therefore requested retraction of the paper.