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## RETRACTION NOTE OPEN



## Retraction Note: PI3K/Akt pathway and Nanog maintain cancer stem cells in sarcomas

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The authors have retracted this article. After publication, concerns were raised regarding the data presented in the figures. Specifically:

- In Fig. 4C, the sh.Scr + DMSO tumor image appears highly similar to the Fig. 6A upper tumor image of [1]
- In Fig. 4C, the sh.Nanog + Dox tumor image appears highly similar to the Fig. 6B Cisplatin tumor image of [2]
- In Fig. 4D, the Cleaved Caspase-3 sh.Scr Dox image has elements that appear highly similar to the Fig. 6D sh.AKT1/2 -Dox image
- In Fig. 6C, the sh.AKT1/2 + Dox tumor image appears highly similar to the Fig. 6B Fasudil tumor image of [2]

Authors Changhwan Yoon, Kevin K. Chang, M. Celeste Simon, Sandra Ryeom, and Sam S. Yoon agree with this retraction. Authors Jun Lu and Brendan C. Yi have not responded to correspondence regarding this retraction.

## REFERENCES

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- Yoon C, Cho SJ, Aksoy BA, Park DJ, Schultz N, Ryeom SW, et al. Chemotherapy resistance in diffuse-type gastric adenocarcinoma is mediated by RhoA activation in cancer stem-like cells. Clin Cancer Res. 2016;22:971–83.

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