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Correction: Osteopontin alters DNA methylation through up-regulating DNMT1 and sensitizes CD133+/CD44+cancer stem cells to 5 azacytidine in hepatocellular carcinoma

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Correction: *J Exp Clin Cancer Res* 37, 179 (2018) https://doi.org/10.1186/s13046-018-0832-1

Following publication of the original article [1], errors were found in Fig. 5a due to misused of images in Hep3B-SCR/EV, -shOPN/EV, and -shOPN/DNMT1.

The correct figure is given below:

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The online version of the original article can be found at https://doi.org/10.1186/s13046-018-0832-1.

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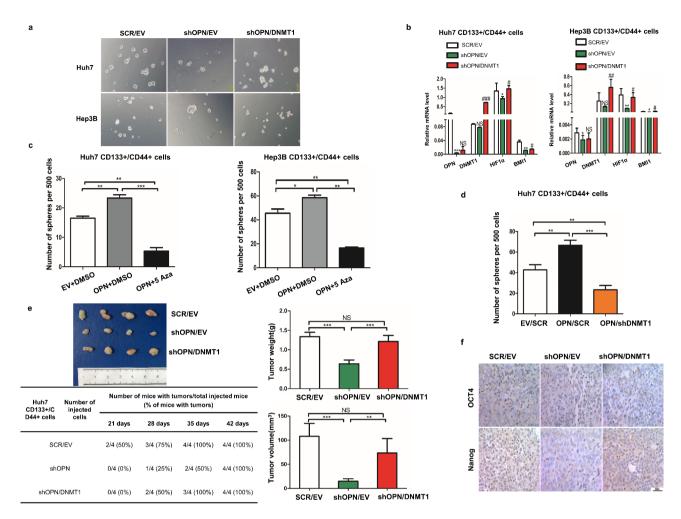


Fig. 5 OPN modulates the properties of CD133+/CD44+cells through regulating DNMT1. **a** When CD133+/CD44+cells with shOPN were transfected with DNMT1 from Huh7 and Hep3B cells, the ability of sphere forming was rescued compared to the shOPN group, 40X. **b** The expression of indicated genes down regulated in CD133+/CD44+cells from Huh7 and Hep3B transfected with shOPN compared to the control, were reversed in part by DNMT1 transfection. **c** The number of spheres formed by CD133+/CD44+cells with EV, CD133+/CD44+cells with OPN and CD133+/CD44+cells with OPN treated by 5 Aza, ***, p < 0.01, ****, p < 0.001. **d** The number of spheres formed by CD133+/CD44+cells with EV/SCR, CD133+/CD44+cells with OPN/SCR and CD133+/CD44+cells with OPN/shDNMT1, ***, p < 0.01. **e** CD133+/CD44+SCR/EV, CD133+/CD44+shOPN/EV and CD133+/CD44+cells shOPN/DNMT1 from Huh7 were injected subcutaneously into the mice, and recorded the time of tumor initiation, tumor weight and tumor volume, ***, p < 0.01, ****, p < 0.001, NS, no significance. **f** IHC staining of stemness-related markers, OCT4 and Nanog in the tumor tissues derived from CD133+/CD44+cells with SCR/EV or shOPN/EV or shOPN/DNMT1

Published online: 14 October 2023

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 Gao X, Sheng Y, Yang J, et al. Osteopontin alters DNA methylation through up-regulating DNMT1 and sensitizes CD133+/CD44 + cancer stem cells to 5 azacytidine in hepatocellular carcinoma. J Exp Clin Cancer Res. 2018;37:179. https://doi.org/10.1186/s13046-018-0832-1.