

CORRECTION

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Correction to: SNCG promotes the progression and metastasis of high-grade serous ovarian cancer via targeting the PI3K/AKT signaling pathway

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Correction to: J Exp Clin Cancer Res (2020) 39:79
<https://doi.org/10.1186/s13046-020-01589-9>

Following the publication of the original article [1], it was noted that due to a typesetting error the Figs. 1 and 2 were not complete. In addition, Fig. 1B should be changed to Fig. 1b, and Fig. 4w should be corrected to Fig. 4e in the main text of the article.

In the section “SNCG is overexpressed in EOC tissue and correlated with poor prognosis in patients with HGSOC”, ($p = 0.055$, Fig. 1c) should be corrected to ($p = 0.058$, Fig. 1c).

The correct figures have been included in this correction, and the original article has been corrected.

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Reference

1. Zhang J, et al. SNCG promotes the progression and metastasis of high-grade serous ovarian cancer via targeting the PI3K/AKT signaling pathway. *J Exp Clin Cancer Res.* 2020;39:79. <https://doi.org/10.1186/s13046-020-01589-9>.

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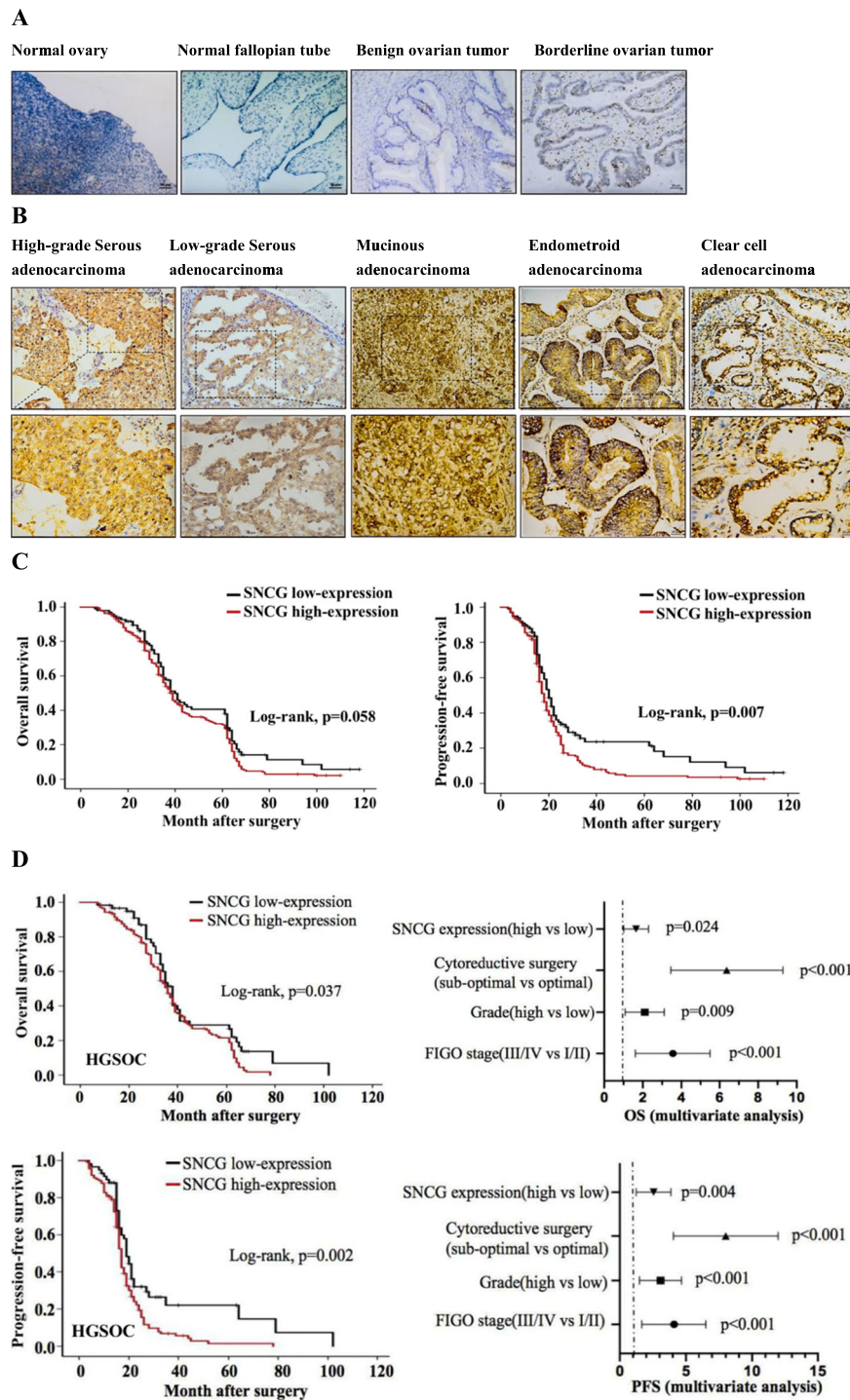


Fig. 1 SNCG is overexpressed in EOC tissue and correlated with poor prognosis in patients with HGSOC. **a** IHC staining showed SNCG expression in the normal ovary, fallopian tube tissues, benign tumor, and borderline tumor (original magnification, $\times 200$). **b** Representative images of IHC staining of SNCG expression in different pathological types of EOC tissues (original magnification, upper $\times 200$, lower $\times 400$). **c** Kaplan-Meier analysis was performed for EOC patients to analyze the association between SNCG expression and survival outcome (OS and PFS). **d** In the HGSOC cohort, Kaplan-Meier analysis indicated the correlation of SNCG overexpression with OS (upper) and PFS (lower). By multivariate Cox regression analysis (Forest plot), results showed that SNCG overexpression was an independent prognostic factor

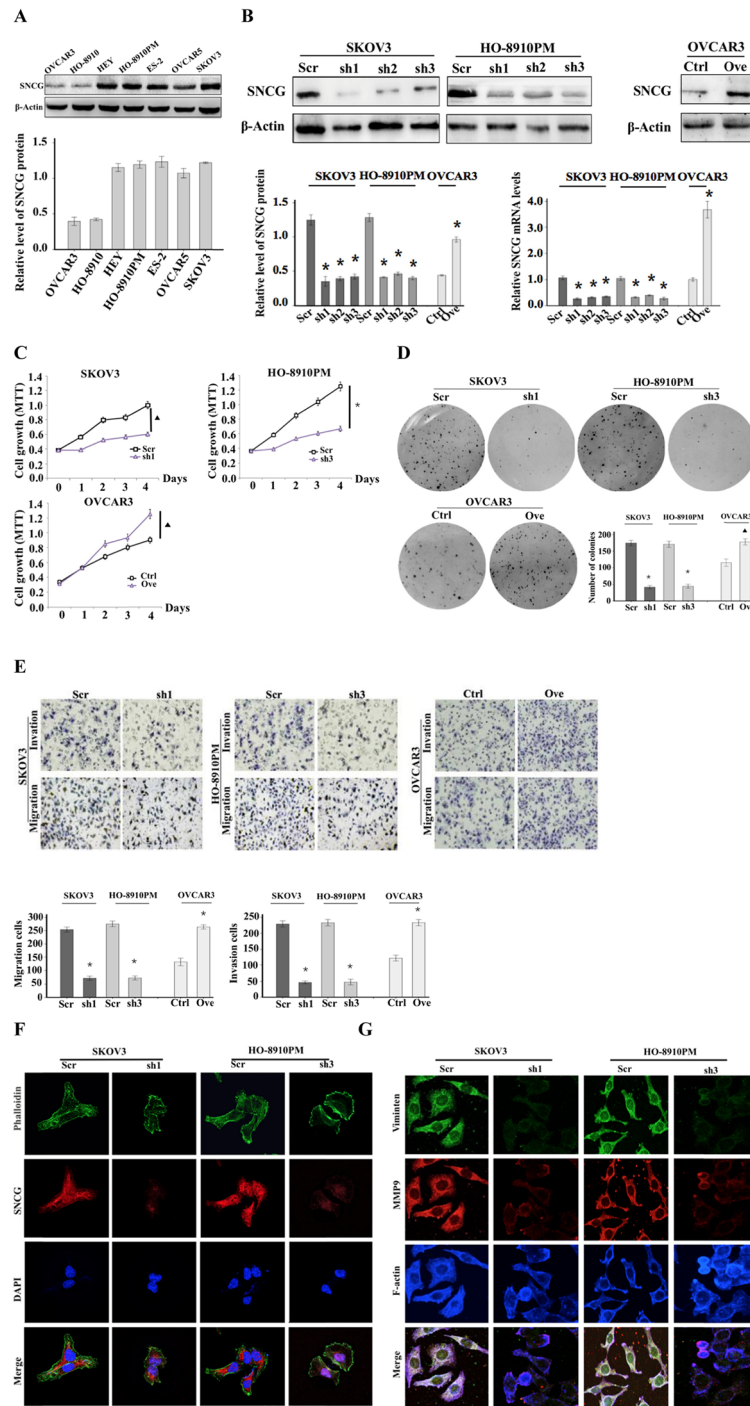


Fig. 2 SNCG accelerates ovarian cancer cell proliferation, facilitates cell migration and invasion in vitro. **a** Western blot analysis of SNCG expression in different ovarian cancer cell lines. **b** The transfection efficiency was confirmed by Western blotting and qRT-PCR in SKOV3, HO-8910 PM, and OVCAR3 cells. **c** The MTT assay was used to detect ovarian cancer cell viability. **d** A soft agar assay was used to examine the proliferation of ovarian cancer cells. **e** Cell migration and invasion capabilities were determined using transwell assays (original magnification, ×200). **f** and **g** SKOV3 and HO-8910 PM cell transfectants were plated on FN and stained for SNCG, phalloidin, and nuclear. Moreover, cells were stained for Vimentin, MMP9, and F-actin. The individual or merged images visualized by a laser scanning confocal microscope (original magnification, ×1000). ▲, $P < 0.05$. *, $P < 0.001$. Ctrl: control; Ove: overexpression; Scr: scramble; sh1: small hairpin RNA 1; sh2: small hairpin RNA 2; sh3: small hairpin RNA 3