

Correction

# Correction: Pakuła et al. Deciphering the Molecular Mechanism of Spontaneous Senescence in Primary Epithelial Ovarian Cancer Cells. *Cancers* 2020, 12, 296

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## Error in Figures

In the original publication [1], a mistake was identified in Figures 5 and 7. In Figure 5, new bands for FOXO4 and JAK3 proteins have been inserted that are consistent with the original uncut membranes included in the supplement. The results have been re-analyzed densitometrically, and new graphs for these proteins are included in panel (b). In Figure 7, one of the SA-β-Gal images that was mistakenly duplicated (control PFBs) has been replaced with the correct one.

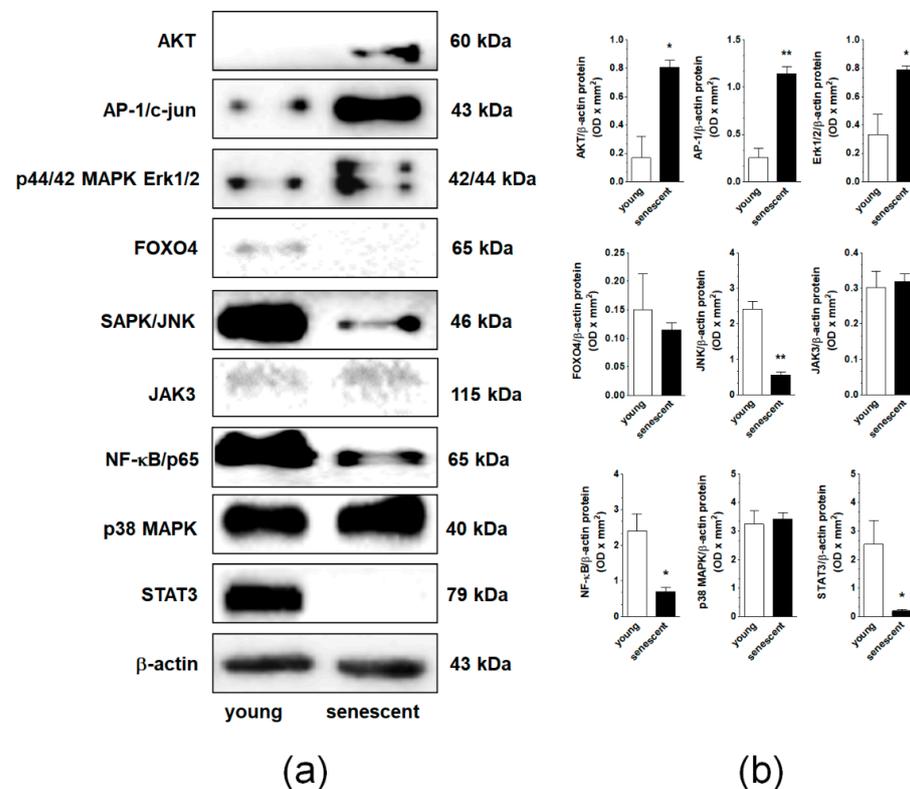


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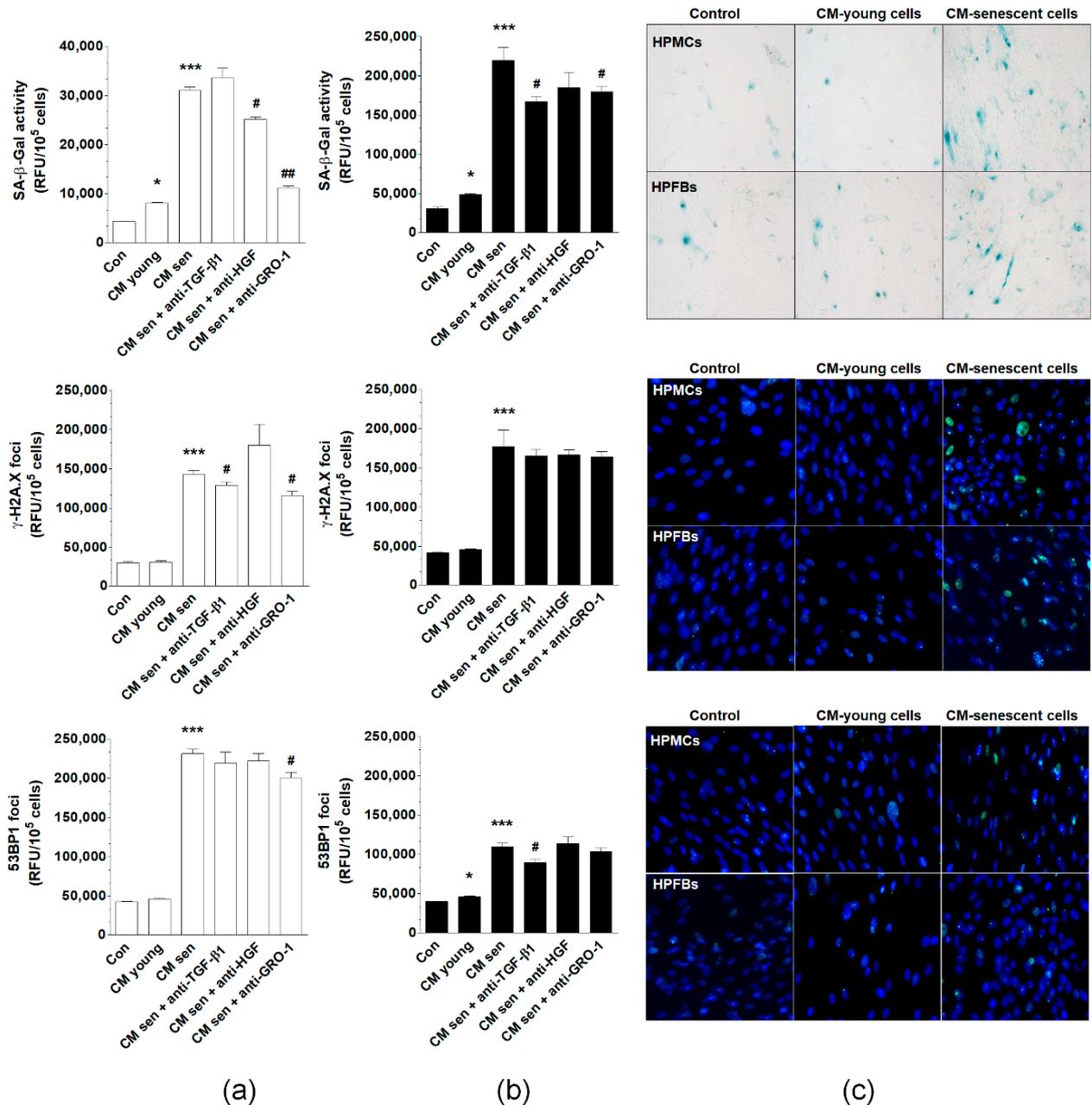


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**Figure 5.** Changes in the expression of signaling molecules during senescence of pEOCs determined using immunoblotting. (a) Samples corresponding to  $1 \times 10^4$  (AKT, AP-1, ERK1/2, JNK, NF-κB,

p38 MAPK, STAT3),  $4 \times 10^4$  (FOXO4, JAK3), and  $5 \times 10^4$  ( $\beta$ -actin) cells were subjected to SDS-PAGE to eliminate the risk of incorrect results due to senescence-associated cell hypertrophy and related differences in protein content between young and senescent cells. (b) Densitometric analysis of bands corresponding to young and senescent cells. Results are based on five to six independent experiments using pEOCs obtained from different patients. Results are expressed as mean  $\pm$  SEM. \*  $p < 0.05$ ; \*\*  $p < 0.01$  vs. early-passage cells.



**Figure 7.** Effect of normal peritoneal mesothelial cells (HPMCs) and fibroblasts (HPFBs) on senescence induction in pEOCs. (a) Changes in SA-β-Gal, γ-H2A.X, and 53BP1 levels in pEOCs upon exposure to conditioned medium (CM) from young and senescent (a) HPMCs and (b) HPFBs. (c) Representative staining of SA-β-Gal, γ-H2A.X, and 53BP1 in pEOCs subjected to CM generated by HPMCs and HPFBs. Results are based on six independent experiments using pEOCs obtained from different patients. Results are expressed as mean  $\pm$  SEM. \*  $p < 0.05$ ; \*\*\*  $p < 0.001$  vs. Con.; #  $p < 0.05$ ; ##  $p < 0.01$  vs. CM from senescent cells. RFU—relative fluorescence units.

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

## Reference

1. Pakuła, M.; Mały, E.; Uruski, P.; Witucka, A.; Bogucka, M.; Jaroszevska, N.; Makowska, N.; Niklas, A.; Moszyński, R.; Sajdak, S.; et al. Deciphering the molecular mechanism of spontaneous senescence of primary epithelial ovarian cancer cells. *Cancers* **2020**, *12*, 296. [[CrossRef](#)] [[PubMed](#)]

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