## **ERRATUM**



## Erratum to: Growth arrest of lung carcinoma cells (A549) by polyacrylate-anchored peroxovanadate by activating Rac1-NADPH oxidase signalling axis

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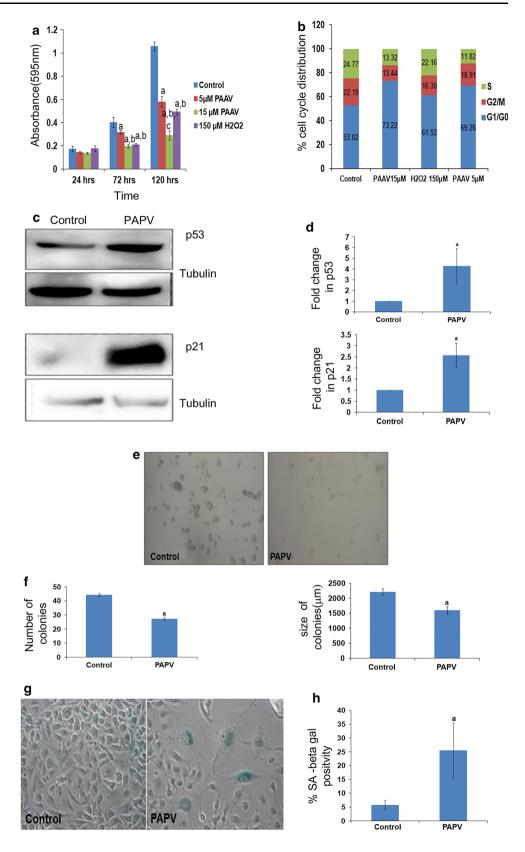
The original publication of an article includes error in the affiliation of the fifth author and Fig. 2d. The author's correct affiliation and the correct version of the Fig. 2 is provided in this erratum.

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Fig. 2 PAPV treatment leads to growth arrest in lung cancer cell line A549 with features similar to senescence. a Decrease in cellular growth, as assessed by crystal violet assay, at 72 and 120 h of treatment with PAPV (5 and 15 μM) and H<sub>2</sub>O<sub>2</sub> (150 µM) compared to control. Superscripts a, b and c indicate significant difference with control, PAPV (5 µM) and  $H_2O_2$ , respectively (p < 0.05, one-way ANOVA, n = 4). The experiment was repeated three times and average values are plotted. **b** Distribution of the cells in different phases of the cell cycle at 120 h after treatment with H<sub>2</sub>O<sub>2</sub> (150 µM) or PAPV (5 and 15  $\mu$ M). Experiment was repeated three times and one representative experiment is shown. c Representative immunoblot showing expression of growth arrest markers p21 and p53 in control and PAPV (15 µM)treated cells at 120 h. Tubulin was used as the loading control. d Bar diagram showing fold change in amount of p21 and p53 in PAPV (15  $\mu$ M)-treated cells. The values are mean ± SEM of three different experiments (a indicates p < 0.05 by Student's t test). e Phase contrast image (×20) of control and PAPV (15 µM) treated cells, grown on soft agar for 14 days showing decreased growth. f Bar diagram showing number and size of colonies on soft agar in control and PAPV (15 µM)-treated cells (a indicates p < 0.05, Student's t test, n = 3 three independent experiments). g Bright-field image showing SA-betagalactosidase positivity (blue), a senescence associated marker, in PAPV-treated cells. h Bar graph showing percentage SAbeta-galactosidase positive cells in control and PAPV-treated cells. The data represent mean  $\pm$  SEM of three different experiments (a indicates p < 0.05 by Student's t test)





(Color figure online)