

## 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  $\mu$ M) and H<sub>2</sub>O<sub>2</sub> (150  $\mu$ M) compared to control. Superscripts *a*, *b* and *c* indicate significant difference with control, PAPV (5  $\mu$ M) and H<sub>2</sub>O<sub>2</sub>, 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  $\mu$ M) 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  $\mu$ M)-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  $\pm$  SEM of three different experiments (*a* indicates  $p < 0.05$  by Student's *t* test). **e** Phase contrast image ( $\times 20$ ) of control and PAPV (15  $\mu$ M) 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  $\mu$ M)-treated cells (*a* indicates  $p < 0.05$ , Student's *t* test,  $n = 3$  three independent experiments). **g** Bright-field image showing SA-beta-galactosidase positivity (*blue*), a senescence associated marker, in PAPV-treated cells. **h** Bar graph showing percentage SA-beta-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)

