Correction

Correction: Multimodal Effects of Small Molecule ROCK and LIMK Inhibitors on Mitosis, and Their Implication as Anti-Leukemia Agents

The *PLOS ONE* Staff

Figure 3 is incorrect. The legend for Figure 3 is correct. The authors have provided a corrected version here.

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Figure 3. Multimodal effects of ROCK and LIMK inhibitors on mitotic spindles and centrosomes. (A) Centrosome fragmentation induced by LIMK inhibitor BMS-5. Cells were treated with 3 μ M BMS-5 and arrested at metaphase. (i) Representative images of immunofluorescent microscopy. Bar represents 10 μ m. (ii) Quantification of centrosome fragmentation by BMS-5. At least 50 cells were counted for each sample from 3 independent experiments. Error bar represents standard error. (iii) Centriole fragmentation by LIMK inhibitor. Centrin- γ -tubulin and centrin-pericentrin were visualized by immunofluorescent microscopy. Bar represents 10 μ m. (B) Hyper-stabilization of microtubules by ROCK and LIMK1 inhibitors. Cells were arrested by double thymidine block and released. Then cells were treated with 30 μ M Y-27632, 1 μ M H-1152, 30 μ M fasudil, 3 μ M BMS-5, or 50 nM MLN8237 for 2 hr and were placed at 4°C for 30 min. Microtubules and centrosomes were visualized by tubulin and γ -tubulin immunofluorescence. (i) Representative images of microtubules after cold treatment. (ii) Quantification of cold-stable microtubules in the cells. At least 50 cells were counted for each sample from 3 independent experiments. Error bar represents standard error. (C) Inhibition of ROCK or LIMK impaired activation of Aurora-A. Cells were arrested by double thymidine block and released in 3.3 μ M nocodazole, then treated with the indicated concentrations of inhibitors for 3 hr. Cell lysate was subjected to SDS-PAGE with Phos-tag acrylamide. Aurora-A was detected by western blotting. The ratio (phospho-Aurora-A/total Aurora-A) is shown. ND: not determined. Percentage of mitotic cells (round cells) is shown. Data represents means of triplicates of at least two independent experiments.
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Reference

1. Oku Y, Tareyanagi C, Takaya S, Osaka S, Ujiie H, et al. (2014) Multimodal Effects of Small Molecule ROCK and LIMK Inhibitors on Mitosis, and Their Implication as Anti-Leukemia Agents. *PLoS ONE* 9(3): e92402. doi:10.1371/journal.pone.0092402.