



## Correction to: Phloretin reduces cell injury and inflammation mediated by *Staphylococcus aureus* via targeting sortase B and the molecular mechanism

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The images of cells under microscope in Figure 2 and Figure S2 were misused from Wang G et al. *Front Cell Infect Microbiol.* 2018 Nov 30;8:418. These images were generated in the same set of assays. We have repeated these experiments and got the consistent results, which have no influence on the results or conclusions in this study. The authors apologize for this error.

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The online version of the original article can be found at <https://doi.org/10.1007/s00253-018-9376-8>

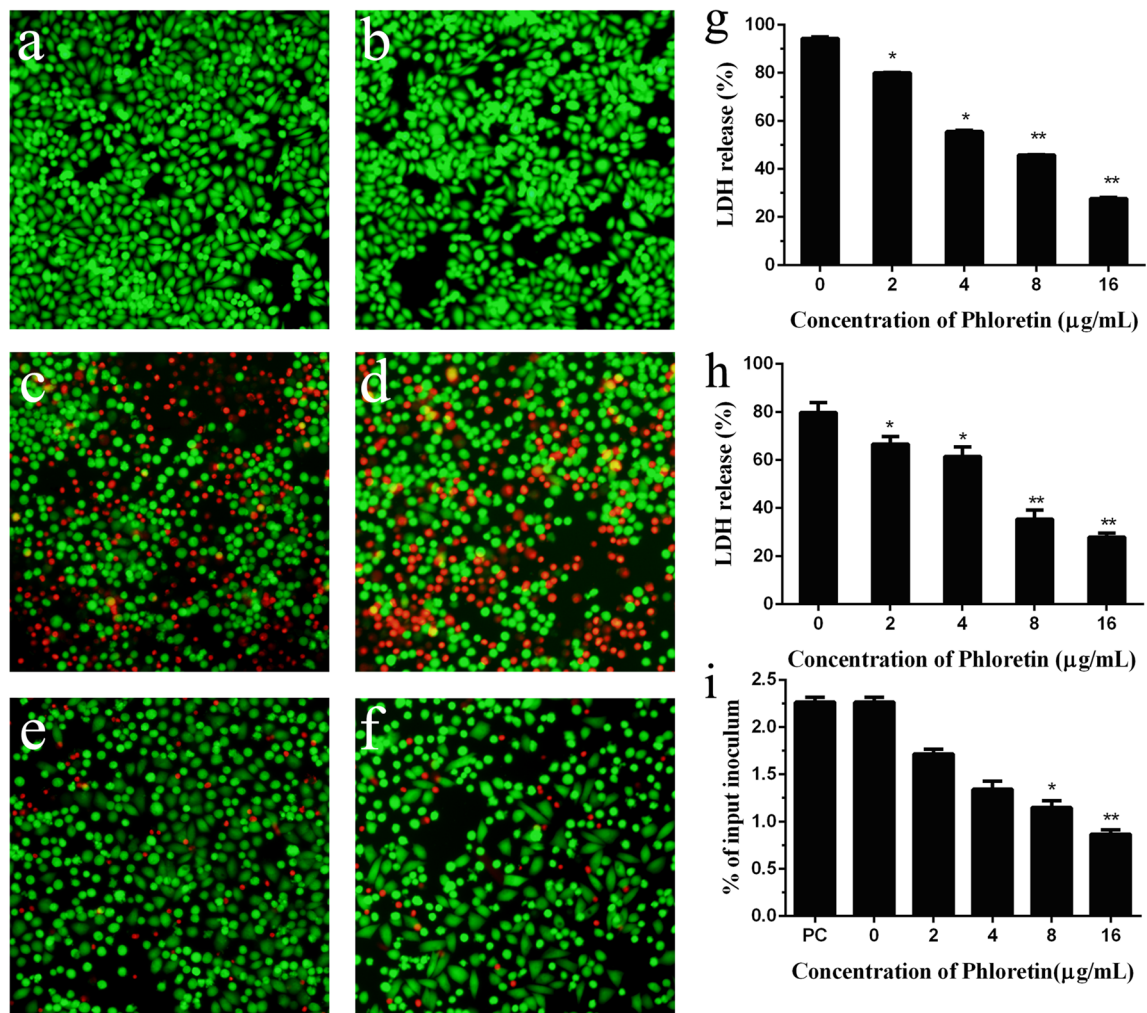
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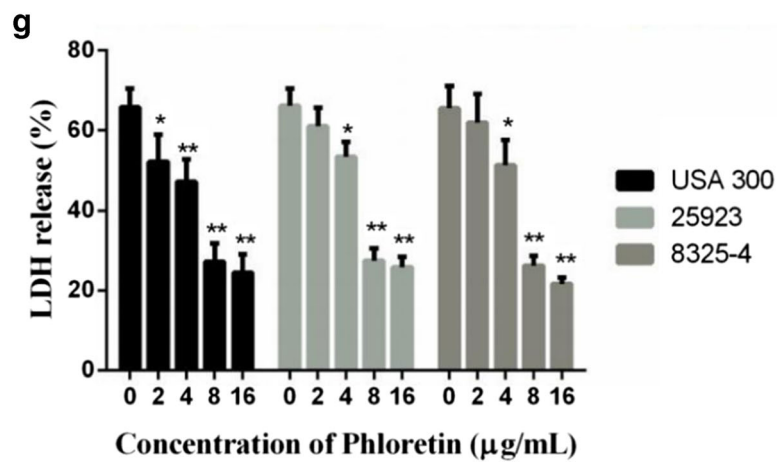
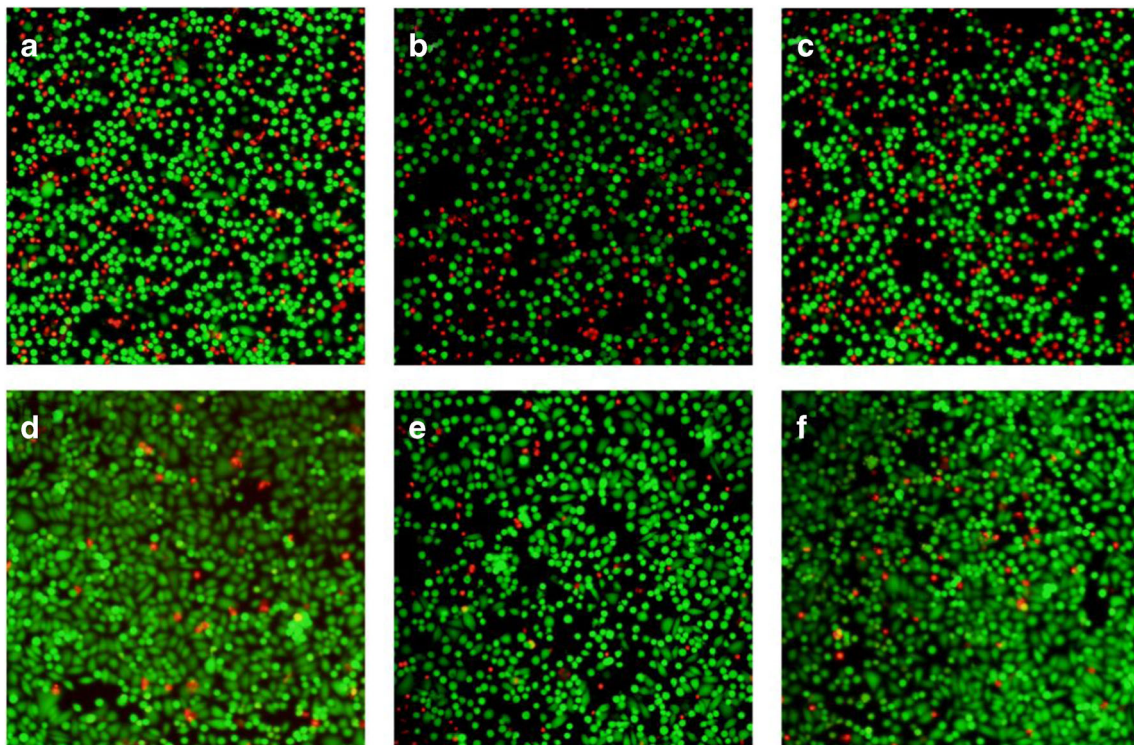
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**Fig. 2** Phloretin protects human alveolar epithelial cells from the injury caused by *S. aureus* and reduces the adhesion of *S. aureus* to human alveolar epithelial cells. The images of live (green)/dead (red) A549 cells were captured with a confocal laser scanning microscope. A549 cells uninfected with *S. aureus* (**a** and **b**). A549 cells infected with *S. aureus* 29213 (**c**) or Newman (**d**) but without phloretin. A549 cells treated with *S. aureus* 29213 (**e**) or Newman (**f**) in the presence of

phloretin. LDH release from A549 cells treated with *S. aureus* 29213 (**g**) or Newman (**h**) and various concentrations of phloretin. **i** The adhesion levels of *S. aureus* 29213 to human alveolar epithelial cells, the results are presented as the percentage of colonies adhered to A549 cells and the initial inoculum size. The data were presented as means  $\pm$  SD ( $n=3$ ). \* $p < 0.05$  and \*\* $p < 0.01$



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