



Retraction

RETRACTED: Qian et al. Sanguinarine Inhibits Mono- and Dual-Species Biofilm Formation by *Candida albicans* and *Staphylococcus aureus* and Induces Mature Hypha Transition of *C. albicans*. *Pharmaceuticals* 2020, 13, 13

Pharmaceuticals Editorial Office

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The journal retracts the article [1] cited above.

Following publication, concerns were brought to the attention of the publisher regarding the improper use of images. The FESEM image of dual-culture (SA+CA) biofilms under the 1/2 MIC in Figure 2 is a duplication of the image under 32 MIC in Figure 7. The second duplication concerns two images published in two papers: Figure 2A in paper [1] is duplicated from Figure 2A in the published paper [2].

Adhering to our complaints procedure, an investigation was conducted that confirmed the extent of the issues, and the article is therefore retracted.

This retraction was approved by the Editor-in-Chief of the journal.

The authors agreed to this retraction.



Citation: Pharmaceuticals Editorial Office. RETRACTED: Qian et al. Sanguinarine Inhibits Mono- and Dual-Species Biofilm Formation by *Candida albicans* and *Staphylococcus aureus* and Induces Mature Hypha Transition of *C. albicans*. *Pharmaceuticals* 2020, 13, 13. *Pharmaceuticals* 2021, 14, 193. <https://doi.org/10.3390/ph14030193>

References

1. Qian, W.; Wang, W.; Zhang, J.; Liu, M.; Fu, Y.; Li, X.; Wang, T.; Li, Y. RETRACTED: Sanguinarine Inhibits Mono- and Dual-Species Biofilm Formation by *Candida albicans* and *Staphylococcus aureus* and Induces Mature Hypha Transition of *C. albicans*. *Pharmaceuticals* 2020, 13, 13. [[CrossRef](#)] [[PubMed](#)]
2. Qian, W.; Zhang, J.; Wang, W.; Liu, M.; Fu, Y.; Li, X.; Wang, T.; Li, Y. Efficacy of Chelerythrine Against Mono- and Dual-Species Biofilms of *Candida albicans* and *Staphylococcus aureus* and Its Properties of Inducing Hypha-to-Yeast Transition of *C. albicans*. *J. Fungi* 2020, 6, 45. [[CrossRef](#)] [[PubMed](#)]

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