



Correction

## Correction: Zhang et al. Genome-Scale CRISPR Knockout Screening Identifies BACH1 as a Key Regulator of Aflatoxin B<sub>1</sub>-Induced Oxidative Damage. *Antioxidants* 2022, 11, 1787

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In the original publication [1], a mistake was identified in Figure 4 as published. The explanation in Figure 4E is wrong. The corrected Figure 4 appears below. The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.



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Genome-Scale CRISPR Knockout Screening Identifies BACH1 as a Key Regulator of Aflatoxin B<sub>1</sub>-Induced Oxidative Damage. *Antioxidants* 2022, 11, 1787. *Antioxidants* 2023, 12, 446.

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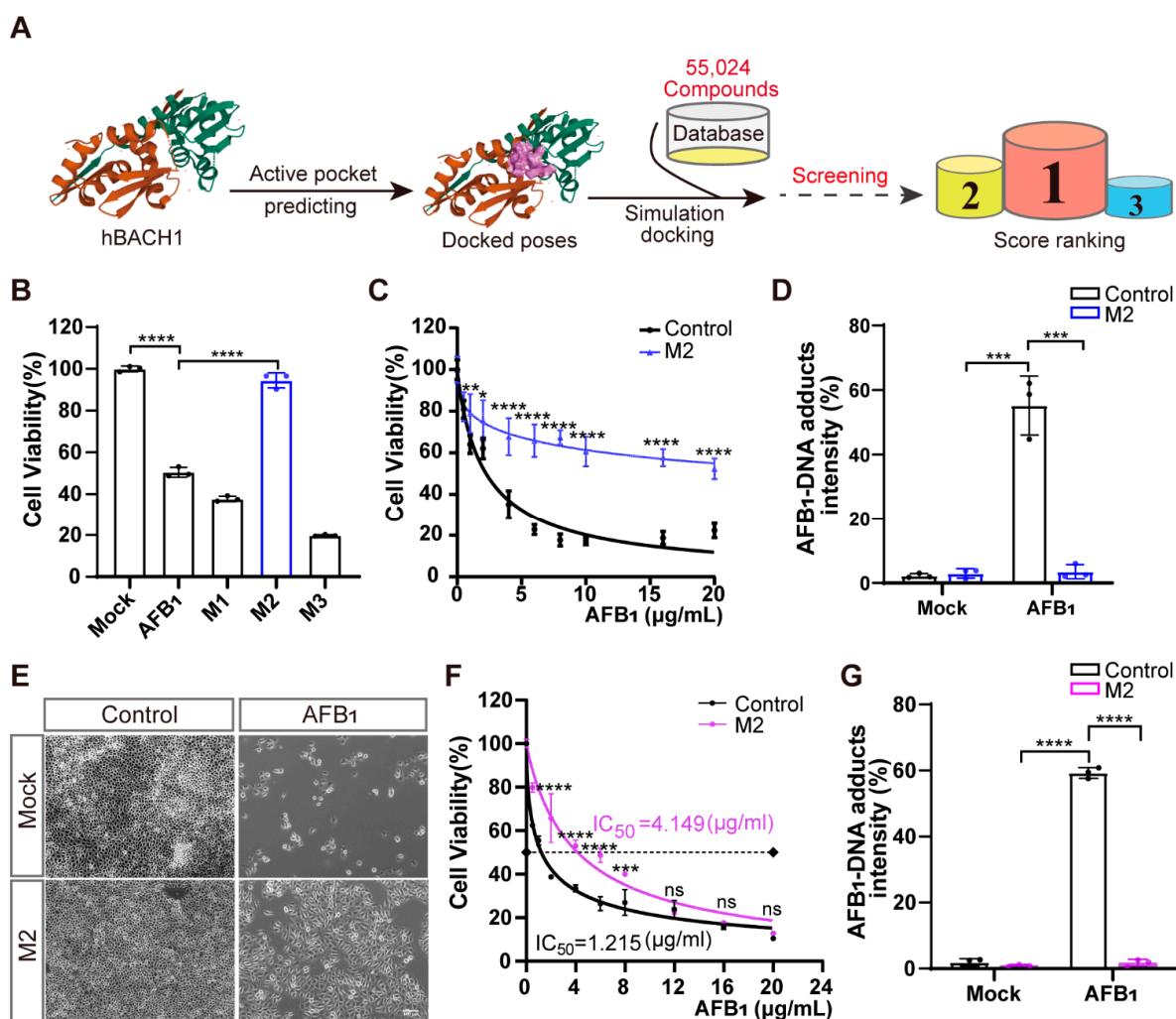
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**Figure 4.** Treatment with inhibitor M2 leads to the highest resistance to aflatoxin B<sub>1</sub> in vitro. (A) Workflow of the structure-based virtual screening to identify inhibitors targeting BACH1. (B) Validation of the top three inhibitors (M1, M2, and M3) in Huh7 cells by CCK-8 assays. (C) Comparison of Huh7 tolerance to different AFB<sub>1</sub> concentrations with and without M2 treatment. (D) The relative fluorescence intensity of AFB<sub>1</sub>-DNA adducts in Huh7 cells with and without M2 treatment. (E) Representative light microscopy images of AFB<sub>1</sub>-treated PK-15 cells with or without M2 treatment. Scale bar, 100 μm. (F) The IC<sub>50</sub> assays for AFB<sub>1</sub> in PK-15 cells with and without M2 treatment determined with CCK-8 assays. (G) The relative fluorescence intensity of AFB<sub>1</sub>-DNA adducts in PK-15 cells with and without M2 treatment. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ , \*\*\*\*  $p < 0.0001$ , ns, not significant.  $p$  values were determined with two-tailed Student's  $t$ -tests. AFB<sub>1</sub>, aflatoxin B<sub>1</sub>; M1, 1-Piperazineethanol, 4-phenyl- $\alpha$ -[[3,4,5-trimethoxyphenyl)methoxy]methyl]; M2, 1-Piperazineethanol,  $\alpha$ -[(1,3-benzodioxol-5-yloxy)methyl]-4-(2-methoxyphenyl); M3, 1,2-Ethanediamine, N1, N1, N2, N2-tetrakis (1H-benzimidazol-2-yl)methyl).

## Reference

- Zhang, J.; Hu, S.; Zhao, C.; Zhou, Y.; Zhang, L.; Liu, H.; Zhou, P.; Li, S.; Fu, L.; Zheng, Z.; et al. Genome-Scale CRISPR Knockout Screening Identifies BACH1 as a Key Regulator of Aflatoxin B<sub>1</sub>-Induced Oxidative Damage. *Antioxidants* **2022**, *11*, 1787. [[CrossRef](#)] [[PubMed](#)]

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