

CORRECTION

Open Access



Correction: d-Borneol enhances cisplatin sensitivity via p21/p27-mediated S-phase arrest and cell apoptosis in non-small cell lung cancer cells and a murine xenograft model

Jinxiu Li¹, Jianmei Yuan¹, Yong Li¹, Jian Wang^{1*}, Daoyin Gong^{2*}, Qian Xie¹, Rong Ma¹, Jiajun Wang¹, Mihong Ren¹, Danni Lu¹ and Zhuo Xu¹

The original article can be found online at <https://doi.org/10.1186/s11658-022-00362-4>.

*Correspondence:
lczyx712@163.com;
daoyinggong@163.com

¹ State Key Laboratory of Southwestern Chinese Medicine Resources, College of Pharmacy, Chengdu University of Traditional Chinese Medicine, Chengdu, China

² Department of Pathology, Hospital of Chengdu University of Traditional Chinese Medicine, Chengdu, China

Correction: Cellular & Molecular Biology Letters (2022) 27:61

<https://doi.org/10.1186/s11658-022-00362-4>

Following publication of the original article [1], the authors informed us that would like to replace the Figure 1L. The correct Fig. 1 is given below:



© The Author(s) 2022. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

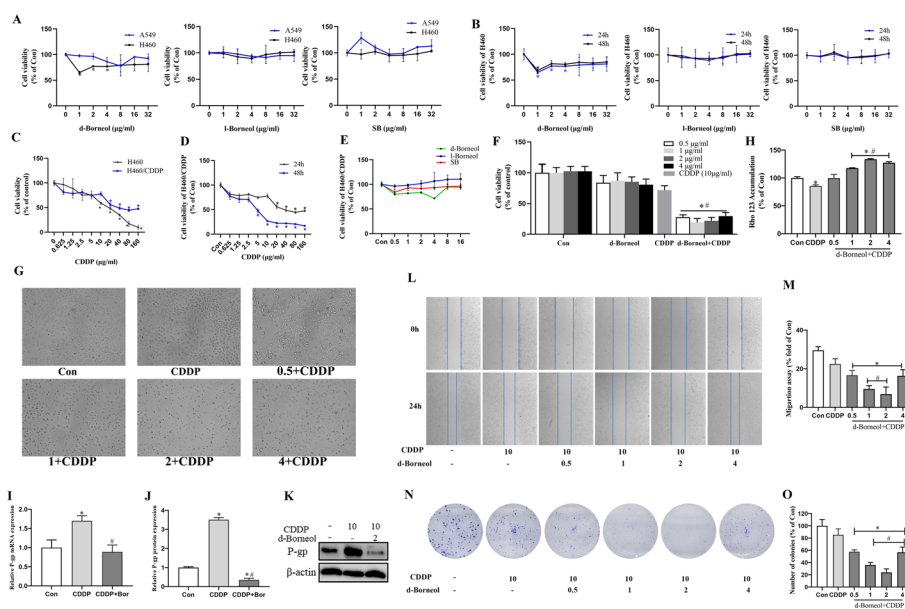


Fig. 1 Cell viability of different NSCLC cells treated with three borneol forms and cotreatment with d-borneol and CDDP, and effect on cell proliferation, P-gp function, and cell migration in H460/CDDP cells. **A** A549 and H460 cells cultured with different concentrations of d-borneol, l-borneol, and SB for 24 h; **B** H460 was treated with d-borneol, l-borneol, and SB for 24 h and 48 h, and cell viability was determined by MTT; **C** cell viability of H460 and H460/CDDP cells treated with different concentrations of CDDP for 24 h; **D** cell viability of CDDP on H460/CDDP cells for 24 h and 48 h; **E** cytotoxicity of the three borneol forms on H460/CDDP cells; **F**, **G** cell viability (**F**) and cell morphology (**G**) of H460/CDDP cells treated with CDDP (10 μg/ml), or d-borneol (0.5, 1, 2, and 4 μg/ml) + CDDP (10 μg/ml) for 24 h; **H** determination of P-gp function after treatment with CDDP, CDDP plus d-borneol with different concentrations for 24 h; **I**, **K** mRNA expression (**I**) and protein expression (**J**, **K**) of P-gp; **L**, **M** cell migration of H460/CDDP cells; **N** representative photographs showing colony formation after CDDP cotreatment with d-borneol in H460/CDDP cells; **O** calculation of statistical differences. All data are presented as mean ± SD (n = 3, *P < 0.05, compared with Con; #P < 0.05, compared with CDDP group)

Also, an error was identified in the **Results** section.

The updated phrase is given below and the changes have been highlighted in **bold typeface**.

Results

d-Borneol combined with CDDP suppresses NSCLC tumor growth in vivo

We noted that treatment with d-borneol alone caused no notable body weight change, but the body weight of animals treated with CDDP was significantly lower than that of those in the Con group. After 14 days of treatment with the combination of d-borneol and CDDP, the CDDP + Bor group increased body weight significantly compared with the CDDP group, indicating that d-borneol **weaken** the toxicity of cisplatin in vivo (Fig. 6E) 0.2111.

The original article has been corrected.

Reference

1. Li J, Yuan J, Li Y, Wang J, Gong D, Xie Q, Ma R, Wang J, Ren M, Lu D, Xu Z. d-Borneol enhances cisplatin sensitivity via p21/p27-mediated S-phase arrest and cell apoptosis in non-small cell lung cancer cells and a murine xenograft model. *Cell Mol Biol Lett*. 2022;27:61. <https://doi.org/10.1186/s11658-022-00362-4>.

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.