

CORRECTION

View Article Online
View Journal | View Issue



Cite this: *Biomater. Sci.*, 2024, **12**, 1332

Correction: MiR-4458-loaded gelatin nanospheres target COL11A1 for DDR2/SRC signaling pathway inactivation to suppress the progression of estrogen receptor-positive breast cancer

Jie Liu,^a Chang-Qing Yang,^a Qiang Chen,^b Tong-Yao Yu,^a Shi-Long Zhang,^a Wei-Hong Guo,^a Li-Heng Luo,^a Gang Zhao,^{*c} Da-Chuan Yin^{*a} and Chen-Yan Zhang^{*a}

DOI: 10.1039/d4bm90014f
rsc.li/biomaterials-science

Correction for 'MiR-4458-loaded gelatin nanospheres target COL11A1 for DDR2/SRC signaling pathway inactivation to suppress the progression of estrogen receptor-positive breast cancer' by Jie Liu et al., *Biomater. Sci.*, 2022, **10**, 4596–4611, <https://doi.org/10.1039/D2BM00543C>.

The authors regret that an incorrect panel for '0 h/COL11A1-WT' was used in the original version of Fig. 2E. The cell migration rate was recalculated and the sentence on page 4600 (line 16) should be changed to "Cell migration was increased by 42.25% ($p < 0.01$) ...". The normalized cell migration in Fig. 2E should also be replaced with the updated figure.

The correct Fig. 2E is provided herein.

^aInstitute for Special Environmental Biophysics, Key Laboratory for Space Bioscience and Biotechnology, School of Life Sciences, Northwestern Polytechnical University, Xi'an 710072, Shaanxi, PR China. E-mail: yindc@nwpu.edu.cn, zhangchenyan@nwpu.edu.cn; Tel: +86-29-88460254

^bState Key Laboratory of Solidification Processing, Northwestern Polytechnical University, Xi'an 710072, Shaanxi, PR China

^cThe First Hospital of Jilin University, Changchun, China. E-mail: roger740820@163.com



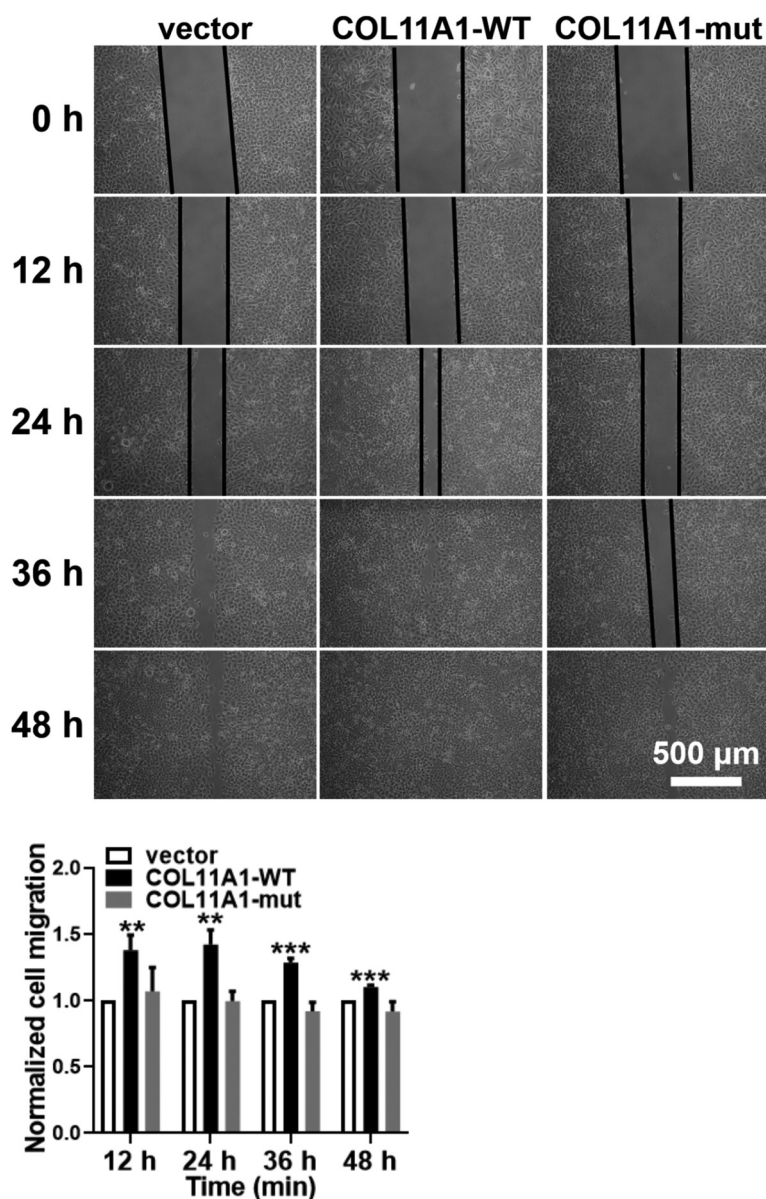


Fig. 2E Effect of interaction between COL11A1 and miR-4458 on MCF-7 cell migration.

In addition, for the benefit of readers, the authors also provide herein replacement images for the western blot data in Fig. 2D, 3B, 3H and 6A with improved resolution.

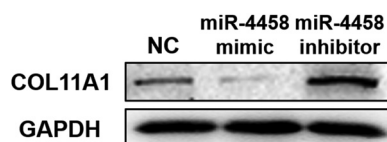


Fig. 2D COL11A1 protein level in MCF-7 cells after transfection with miR-4458 mimic and inhibitor.



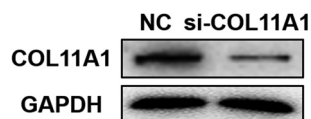


Fig. 3B Knockdown efficiency after treatment with si-COL11A1 at the protein level.

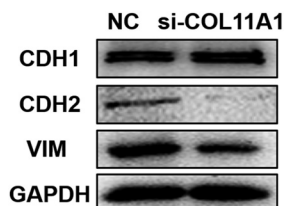


Fig. 3H Protein levels of EMT markers in MCF-7 cells after transfection with si-COL11A1.

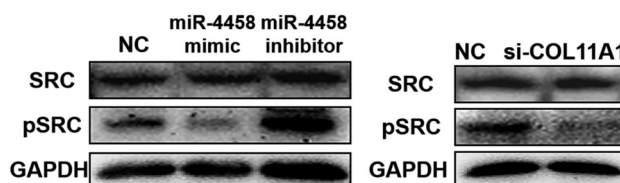


Fig. 6A SRC and pSRC protein expression in MCF-7 cells after transfection with the miR-4458 mimic, miR-4458 inhibitor, and si-COL11A1.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

