

CORRIGENDUM

DOI: 10.3892/ijo.2023.5477

The targeting of MTDH by miR-145-5p or miR-145-3p is associated with prognosis and regulates the growth and metastasis of prostate cancer cellsDONG PAN, ZHAOHUI JIA, WENSHENG LI and
ZHONGLING DOU

Int J Oncol 54: 1955-1968, 2019; DOI: 10.3892/ijo.2019.4782

Following the publication of the above article, an interested reader drew to the authors' attention that the Transwell invasion assay images in Fig. 3B on p. 1961 representing the Con/PWR-1E and the PC-3/siMTDH experiments contained overlapping sections, such that they appeared to have been derived from the same original source, even though they were intending to have shown the results from differently performed experiments. Similarly, in Fig. 8A on p. 1965, the representative images selected for the PC-3/miR-145-3p and LNCaP/miR-145-3p data panels were also found to contain overlapping sections.

After having consulted their original data, the authors realized that these errors had occurred while compiling the affected figure parts. The revised versions of Figs. 3 and 8, containing the data from one of the repeated experiments in Fig. 3B and 8A, are shown on the next two pages. Concerns about the western blots featured in Figs. 4C and D and 9F were also raised by the interested reader; upon querying these with the authors, however, they were able to provide the full blots in these cases, thereby confirming their authenticity. The authors regret that these errors went unnoticed prior to publication, and thank the Editor of *International Journal of Oncology* for allowing them the opportunity to publish this corrigendum. All the authors agree with the publication of this corrigendum; furthermore, they also apologize to the readership of the journal for any inconvenience caused.



This work is licensed under a Creative Commons
Attribution 4.0 International (CC BY 4.0) License.

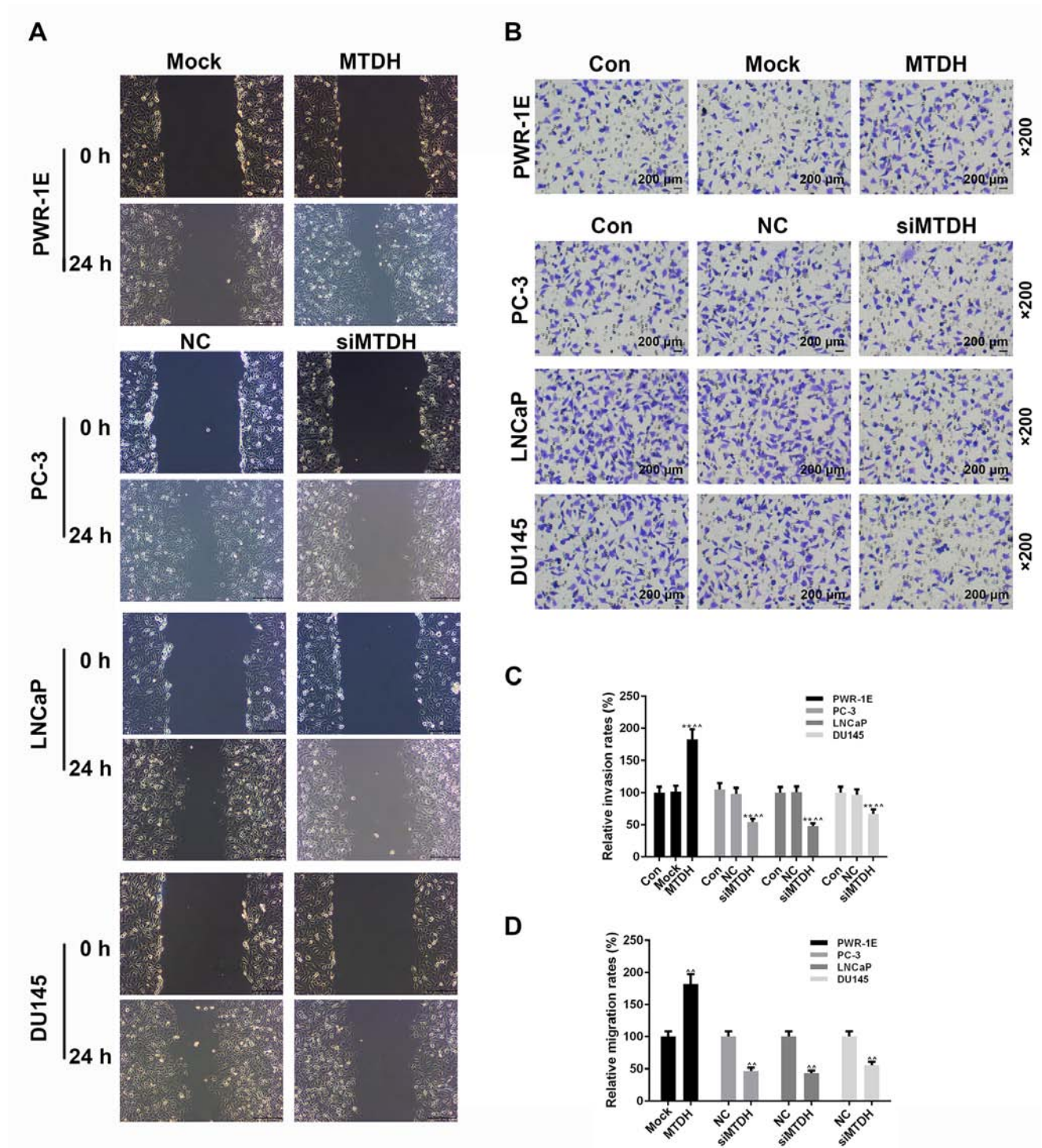


Figure 3. Effects of overexpressing or silencing MTDH on cell invasion and migration in prostate normal and cancer cell lines. (A) Cell scratch wound assay was carried out to detect the effects of the overexpression or silencing of MTDH on the migration of the normal PWR-1E cells or 3 prostate cancer (PCa) cell lines (PC-3, LNCaP and DU145 cells). (B) Transwell assay was performed to detect the effects of the overexpression or silencing of MTDH on invasion of PWR-1E normal cells or 3 PCa cell lines (PC-3, LNCaP and DU145 cells). (C) Relative invasion rates are shown as bar diagrams. (D) Relative migration rates are shown as bar diagrams. Data are shown as the means \pm SD from 3 independent experiments [** P<0.01, compared with control; ** P<0.01, compared with mock/negative control (NC) groups]. MTDH, metadherin.

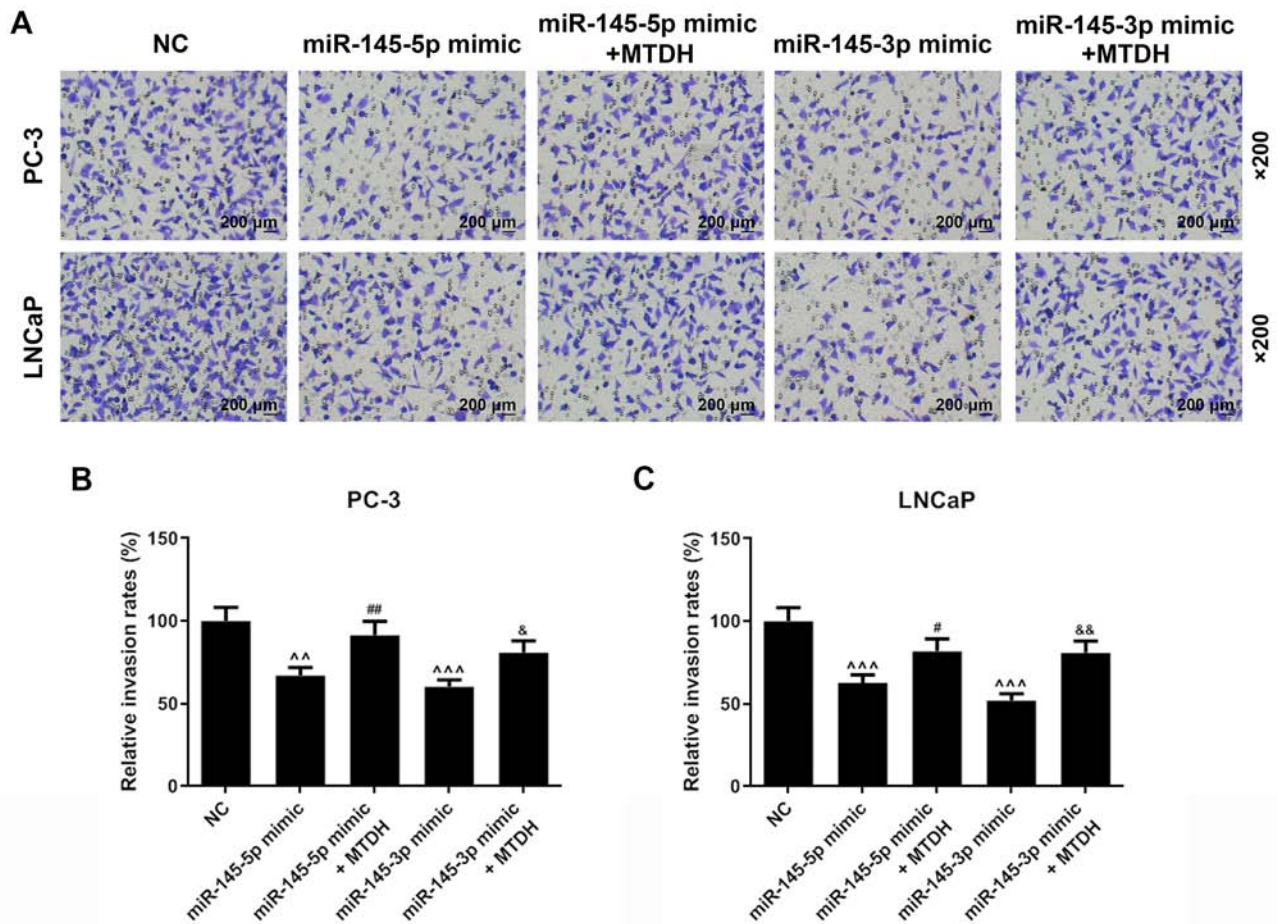


Figure 8. MTDH reverses the suppressive effects of miR-145-5p and miR-145-3p mimics on PCa cell invasion. (A) Cell invasion was examined by Transwell assay in PC-3 and LNCaP cells. (B) The effects of MTDH overexpression on the decreased invasion of PC-3 and LNCaP cells induced by miR-145-5p/miR-145-3p mimics are shown as bar diagrams. Data are shown as the means \pm SD from 3 independent experiments [[^]P<0.01, compared with mock/negative control (NC); ^{##}P<0.01, compared with miR-145-5p mimic; ^{&&}P<0.01, compared with miR-145-3p mimic]. MTDH, metadherin..