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# Corrigendum: Methotrexate-conjugated zinc oxide nanoparticles exert substantially improved cytotoxic effect on lung cancer cells by inducing apoptosis

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## KEYWORDS

zinc oxide, nanoparticles, methotrexate, lung cancer, A549, reactive oxygen species, caspases

## A Corrigendum on

[Methotrexate-conjugated zinc oxide nanoparticles exert a substantially improved cytotoxic effect on lung cancer cells by inducing apoptosis](#)

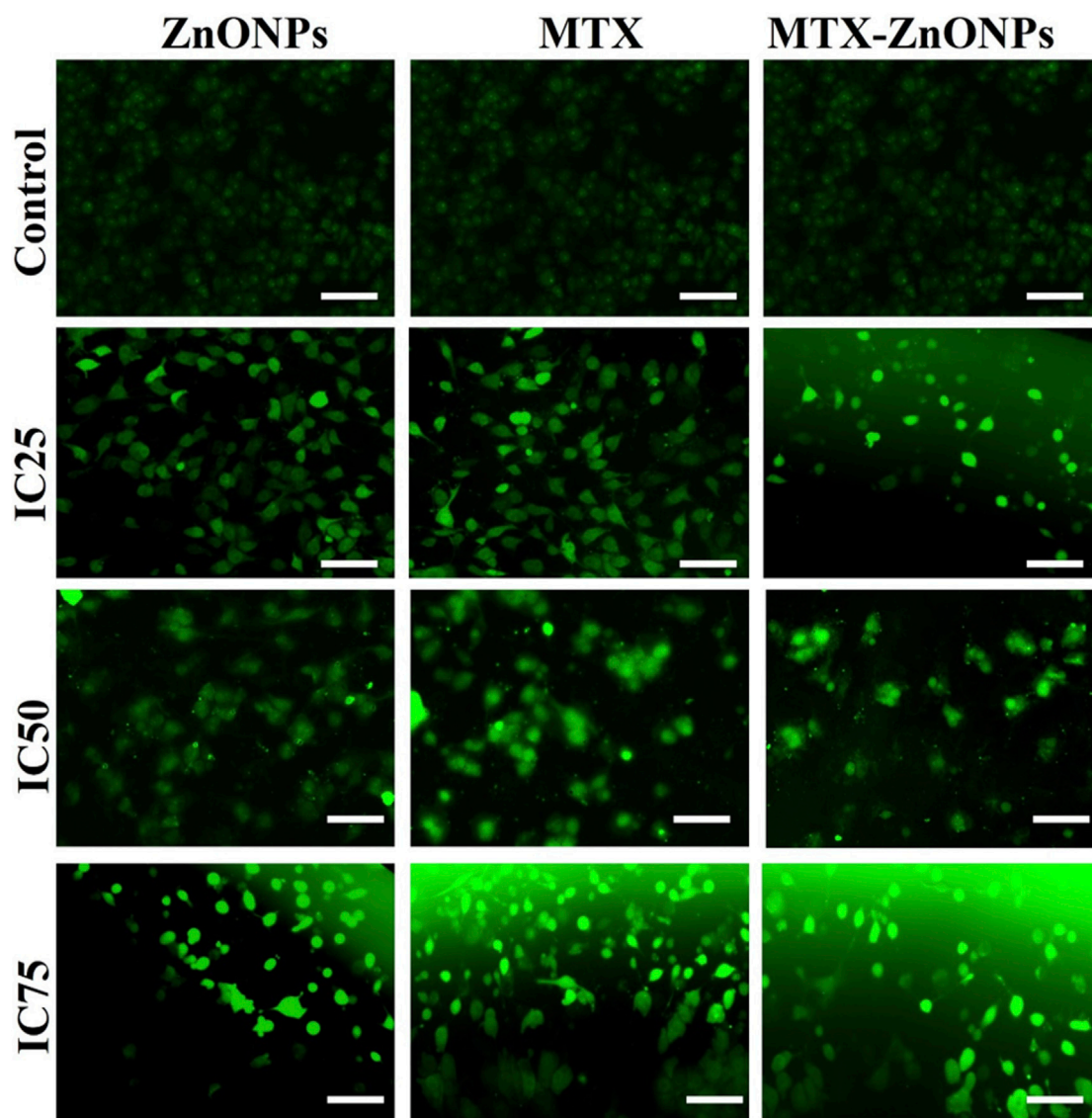
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In the published article, there was an error in [Figure 8](#) as published. Partial overlap between the IC50-ZnONPs, IC50-MTX, and IC50-MTX-ZnONPs panels were unintentionally duplicated. The corrected [Figure 8](#) and its caption appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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**FIGURE 8**

Qualitative evaluation of ROS in H2DCFDA-stained A549 cells treated at IC25 (ZnONPs 27.83  $\mu\text{g}/\text{mL}$ ; MTX 1.95  $\mu\text{g}/\text{mL}$ ; and MTX-ZnONPs 182 ng/mL), IC50 (ZnONPs 65.30  $\mu\text{g}/\text{mL}$ ; MTX 3.58  $\mu\text{g}/\text{mL}$ ; and MTX-ZnONPs 327 ng/mL), and IC75 (ZnONPs 70.41  $\mu\text{g}/\text{mL}$ ; MTX 6.57  $\mu\text{g}/\text{mL}$ ; and MTX-ZnONPs 588 ng/mL) concentrations for 24 h analyzed by fluorescence microscopy. Images shown are representative of three independent experiments (scale bar: 100  $\mu\text{m}$ ; magnification:  $\times 20$ ). The control image was reused in each treatment group.