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# Corrigendum: Morin inhibits proliferation of SW480 colorectal cancer cells by inducing apoptosis mediated by reactive oxygen species formation and uncoupling of Warburg effect

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### KEYWORDS

colorectal cancer, reactive oxygen species, apoptosis, Warburg effect, energetic stress

## A Corrigendum on

Morin inhibits proliferation of SW480 colorectal cancer cells by inducing apoptosis mediated by reactive oxygen species formation and uncoupling of Warburg effect

by Sithara T, Arun KB, Syama HP, Reshmitha TR and Nisha P (2017). Front. Pharmacol. 8:640. doi: 10.3389/fphar.2017.00640

In the published article, there was an error in the text values.

A correction has been made to **Results**, *Detection of Cell Apoptosis Using Flow Cytometry*. This sentence previously stated:

"The mean percentage of cells in the early apoptotic population and the late apoptotic population on treatment with 150  $\mu$ M morin for 48 h was 17.26 ± 0.75 and 9.26 ± 0.40, respectively. It was further increased to 11.56 ± 0.37, 15.83 ± 0.41 and 36.3 ± 1.35, 48.76 ± 0.2 after exposure to 200 and 250  $\mu$ M morin, respectively, which was significantly different from control cell population (early apoptotic: 1.4 ± 0.2 and late apoptotic: 0.3 ± 0.1). The increment in the late apoptotic population on morin treatment (250  $\mu$ M) was significantly higher than that of the positive control, camptothecin (early apoptotic: 14.8 ± 0.12 and late apoptotic: 30.2 ± 0.18)".

The corrected sentence appears below:

"The mean percentage of cells in the early apoptotic population and the late apoptotic population on treatment with 150  $\mu$ M morin for 48 h was 17.26 ± 0.75 and 15.83 ± 0.41, respectively. It was further changed to 9.26 ± 0.40 and 11.56 ± 0.37 and 36.3 ± 0.42, 48.76 ± 0.20, respectively, after exposure to 200 and 250  $\mu$ M morin, which was significantly different from control cell population (early apoptotic: 1.4 ± 0.2 and late apoptotic: 0.3 ± 0.1). The increment in the late apoptotic

population on morin treatment (200  $\mu$ M and 250  $\mu$ M) were significantly higher than that of the positive control, camptothecin (early apoptotic: 30.2 ± 0.3 and late apoptotic: 14.8 ± 0.35)."

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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