



## **Statement of Retraction: Up-regulation of microRNA-497 inhibits the proliferation, migration and invasion but increases the apoptosis of multiple myeloma cells through the MAPK/ERK signaling pathway by targeting Raf-1**

We, the Editors and Publisher of the journal *Cell Cycle*, have retracted the following article:

Cheng-Yu Ye, Cui-Ping Zheng, Wei-Wei Ying, and Shan-Shan Weng. Up-regulation of microRNA-497 inhibits the proliferation, migration and invasion but increases the apoptosis of multiple myeloma cells through the MAPK/ERK signaling pathway by targeting Raf-1. *Cell Cycle*. 2018;17(24):2666-2683. doi:10.1080/15384101.2018.1542895.

Since publication, significant concerns have been raised about the integrity of the data and reported results in the article. When approached for an explanation, the authors did not provide their original data or any necessary supporting information. As verifying the validity of published work is core to the integrity of the scholarly record, we are therefore retracting the article. The corresponding author listed in this publication has been informed.

We have been informed in our decision-making by our policy on publishing ethics and integrity and the COPE guidelines on retractions.

The retracted article will remain online to maintain the scholarly record, but it will be digitally water-marked on each page as 'Retracted'.