

ADMC

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SLC27A5 promotes sorafenib-induced ferroptosis in hepatocellular carcinoma by downregulating glutathione reductase

(the ‘Contribution’)

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(the 'Authors')

Please complete the table below to indicate the contributions of all named authors to the manuscript.

Specification of Contribution to the Manuscript:

Feng-li Xu, Xiao-hong Wu

performed most experiment and analyzed the data

Chang Chen

performed TEM assay

Lu-yi Huang, Jie Xia, Yi Liu

assisted with animal experiments

Yi Liu

performed bioinformatics analysis

Chang chen, Lu-yi Huang, Jie Xia

provided technical assistance

Feng-li Xu, Kai Wang, Ni Tang

drafted and revised the manuscript,

Xue-feng Shan, Ni Tang

designed and conceptualized the research

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Please complete the table below to indicate the contributions of all named authors to the figures.

Figure 1:

Kai Wang, Xue-feng Shan and Ni Tang designed the experiments. In Figure 1, Feng-li Xu generated the sorafenib-resistant cells and assessed the IC50 of SR cells. Xiao-hong Wu determined the mRNA and protein levels of cells.

Figure 2:

In Figure 2, Xiao-hong Wu generated the data and prepared panel A to D. Feng-li Xu generated the data and prepared panel E to H.

Figure 3:

In Figure 3, Chang Chen performed TEM assay. Feng-li Xu generated the data and prepared panel F to M. Xiao-hong Wu generated the data and prepared panel A to C.

Figure 4:

In Figure 4, Feng-li Xu generated the data and prepared panel A to D, G to H. Qiuji Wang generated the data and prepared panel E to G.

Figure 5:

In Figure 5, Xiao-hong Wu generated the data and prepared panel A, B, and E. Liu-Yi generated the data and prepared panel C, D and H.

Figure 6:

In Figure 6, Feng-li Xu generated the data and prepared panel A to D. Xiao-hong Wu generated the data and prepared panel E to G.

Signed for and on behalf of the Author(s):

Print Name:

Date:

Ni Tang

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