



OPEN

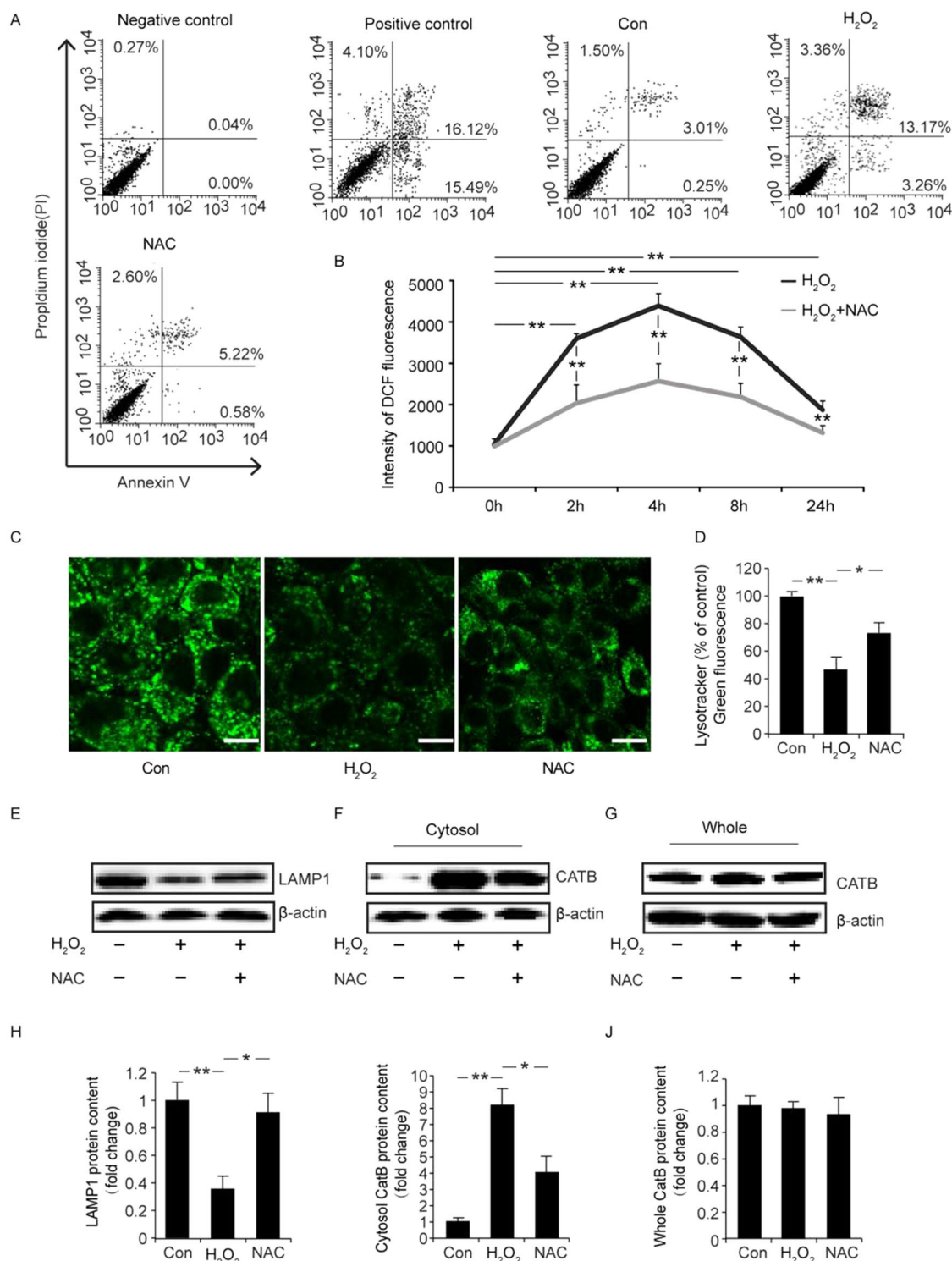
# Author Correction: 58-F, a flavanone from *Ophiopogon japonicus*, prevents hepatocyte death by decreasing lysosomal membrane permeability

Xiaofeng Yan, Tingjie Ye, Xudong Hu, Pei Zhao & Xiaoling Wang

Correction to: *Scientific Reports* <https://doi.org/10.1038/srep27875>, published online 16 June 2016

This Article contains an error in Figure 8, where the treatments below the western blots in the panels E, F and G do not match the western blots. The correct Figure 8 and accompanying legend appear below.

Published online: 13 September 2021



**Figure 8.** Effect of NAC on ROS content, cell death, lysosomal membrane permeability and the leakage of CatB to the cytosol. To identify the effect of NAC *in vitro*, cells were treated with 100  $\mu\text{g}/\text{ml}$  of NAC for 12 h followed by an additional 2 h with 500  $\mu\text{M}$  H<sub>2</sub>O<sub>2</sub> for the assay with FACS. For the ROS content assay, the cells were treated with 100  $\mu\text{g}/\text{ml}$  NAC for 24 h followed by 500  $\mu\text{M}$  H<sub>2</sub>O<sub>2</sub> for different amounts of time. In other assays, the cells were treated with 100  $\mu\text{g}/\text{ml}$  NAC for 16 h followed by an additional 8 h with 500  $\mu\text{M}$  H<sub>2</sub>O<sub>2</sub>. **(A)** The Annexin V/PI assay with FACS is shown. **(B)** The ROS contents in cells is shown. **(C)** LysoTracker Green staining (scale bar = 10  $\mu\text{m}$ ) is shown. **(D)** Quantification of the LysoTracker Green staining is shown. **(E, H)** Levels of LAMP1 protein were measured in cells by Western blotting and quantification is shown. **(F, G, I, J)** Cat B/D levels were measured in the cytosol/whole lysate by Western blotting and the quantification is shown (\* $p < 0.05$ , \*\* $p < 0.01$ ).



**Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2021